THE GARAGE AND MOTOR AGENT

October 13, 1951

GUIDE TO THE MOTOR SHOW—Part 2

The Garage & Motor Agent

Vol. 76 (2)—No. 1978

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WEEKLY: PRICE 1/6

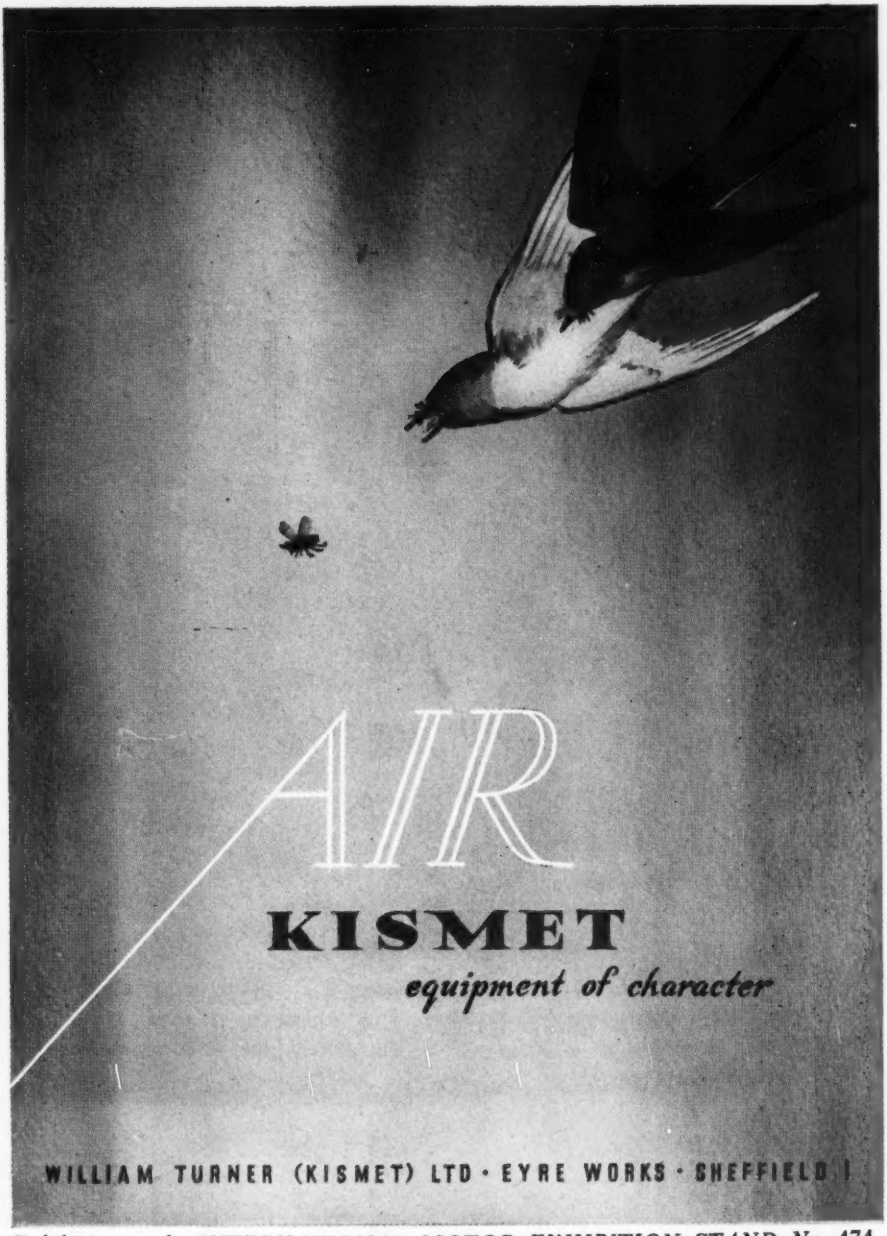
ANNUAL SUBSCRIPTION, 40/-

PRE-VIEW

MOTOR SHOW
EARLS COURT
OCT. 17-27

HEAD OFFICE: Bowmaker House, Lansdowne, Bournemouth. *TEL.:* 7070 (10 lines)
LONDON OFFICE: 61, St. James's Street, London, S.W.1. *TEL.:* GROsvenor 6611 (9 lines)

FOR STAFF ..... yes p..... Paid to ..... yes p.....
CIRCULATION Noted..... Noted.....



Exhibiting at the INTERNATIONAL MOTOR EXHIBITION STAND No. 474

MOTOR WE INVITE YOU SHOW

Earls Court

to visit

Transport Service

OUR STAND

Equipment Section

No. 453

We think you will see some of the newest and best examples of Garage Equipment which combine the latest developments in design with modern appearance to brighten your workshop—in a word, just those products you naturally look for at a Motor Show.

STAND 453 TRANSPORT SERVICE EQUIPMENT SECTION

We have arranged that our Depot Managers and members of their travelling staffs will, in turn, be present each day to deal with enquiries, to explain and inform, also to give demonstrations, and it is hoped that our Stand may be a happy meeting - place between some of our visitors and members of our town and country personnel, who may be known to each other through business contacts.

We have 14 fully self-contained Branches, each carrying comprehensive stocks so we cannot show a fully representative selection of goods, but have endeavoured to exhibit such up-to-date units as are likely to interest the largest number of visitors. A few items are mentioned below.

Laycock Air Speed Oil Ejector.
Truepoint Contact Grinder.
Triangle Arc Spot Welder.
Apkoway Flaring & Bending Tools for Bundy Tubing.

STAND 453 TRANSPORT SERVICE EQUIPMENT SECTION

MOTOR Stevco LIMITED FACTORS

THERE'S **MORE** IN AN

ONDURA

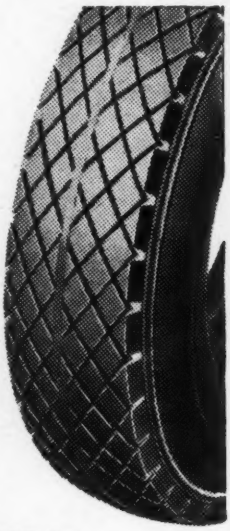
THE DEEPER TREAD

REMOULDED TYRE

★ MORE MILEAGE

★ MORE MONEY SAVED

★ MORE PROFITS FOR YOU



GIANTS

Ondura specialise in GIANT Remoulds in all sizes of industrial and car tyres. Unequalled service for quality, mileage, safety and saving.

AGRICULTURAL REMOULDS

Ondura "CROSS-COUNTRY" remoulds now available in sizes: 7.00 x 18, 9.00 x 16, 10.50 x 16, 10.50/11.00 x 20; with bold, heavy, deeper cut tread.

ALL CAR TYRE REMOULDS

Ondura remould all sizes of car tyres with the Special "deeper-tread".

FOR YOU . . .

It will pay you to obtain full details of Terms, express collection and delivery service, etc. Write or phone now to:—

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Phone: 3253

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Tungstone Products Limited

10, Salisbury Square, E.C.4. Phone: CENtral 8156 (4 lines)

Works: Market Harborough, Leicestershire

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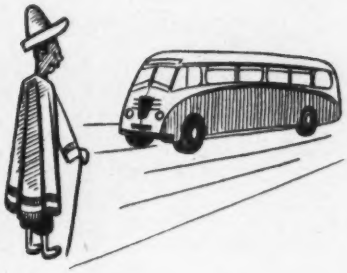
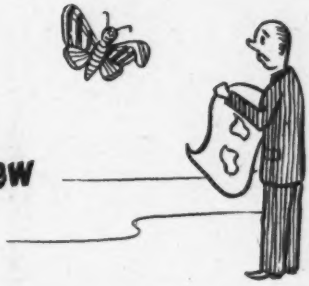
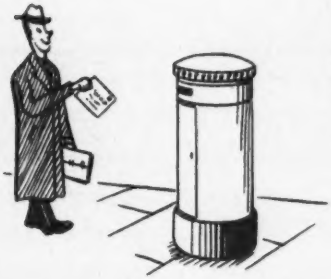


If you're building a bus for a firm in Peru



Or replacing a rug where a moth's had a chew



For materials and fittings you cannot do better

Than just drop the G.O.J. service a letter

Motor body materials, fittings and trimmings supplied quickly and in any quantity for any job in the bodybuilding and repairing trade.

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Established 70 Years.

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'GRAMS: HEDLYNE, HAMMER, LONDON.

50 CRWYS ROAD, CARDIFF. 'Phone: CARDIFF 698.

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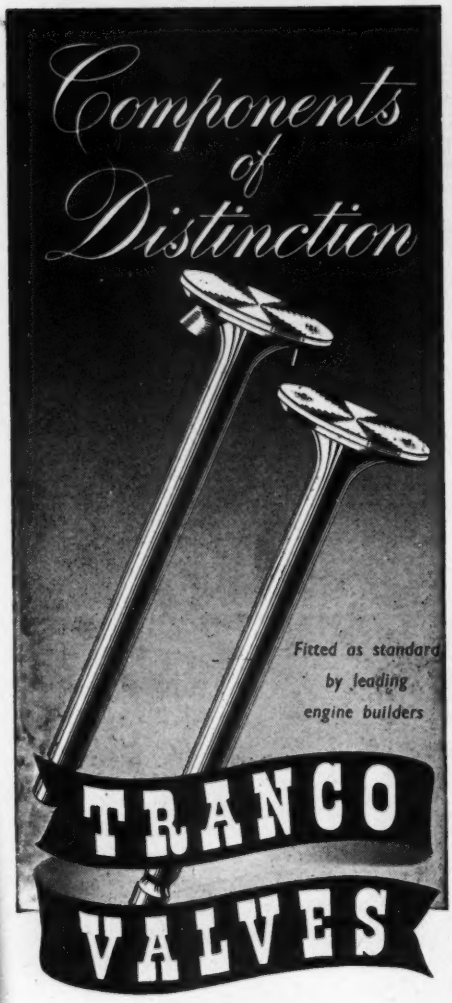

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Farnborough, Kent

MIDLAND SERVICE DEPOT:

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Main Service Distributors for other areas:

EDMUNDS WALKER & CO. LTD.

ALSO STOCKED BY LEADING FACTORS

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HENLEY SOLON ELECTRIC **SOLDERING IRONS**

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PERFECT BALANCE FOR EASY HANDLING

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NEW! Lis-tergent (Regd) Autofoam Shampoo

with **FLEXY CAR WASHERS**

Modernise Your Washing Bay!

★ Removes dirt, oil and road film.
★ Restores & preserves cellulose & chrome.
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"Auto.-foamed" cars awarded 3 FIRSTS in Concours d'Elegance.

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TELEPHONE: CENTRAL 5520 · TELEGRAMS: LISTEQUIP MANCHESTER

will be there!

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Work it out for yourself—on the Andrex stand!

Full sectioned and working models will show the obvious advantages of friction damping at

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NUMBER PLATE

No one can mistake the attractive, easy-to-see Wright Number Plates. Designed to harmonize with today's sleek body-styling, Wright Numbers round off the smart appearance of your car.

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1908—STILL CHEAPEST AND BEST—1951

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Originators of Embossed Number Plates

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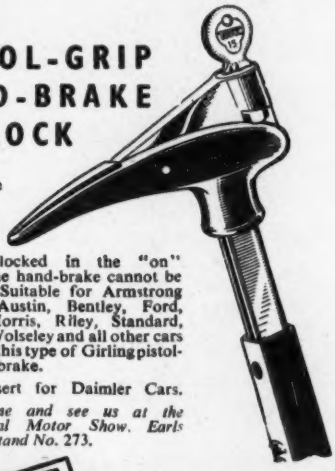

Retail Price

17/6

When locked in the "on" position, the hand-brake cannot be released. Suitable for Armstrong Siddeley, Austin, Bentley, Ford, Jaguar, Morris, Riley, Standard, Triumph, Wolseley and all other cars fitted with this type of Girling pistol-grip hand-brake.

Special insert for Daimler Cars.

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The fitting is chromium-plated for long life. Two keys are supplied with each lock.

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Garrington HAND TOOLS

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Simple as A B C

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THE UPPER CYLINDER LUBRICANT 'PLUS'

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can do all these jobs with the
Staffa HYDRORAM

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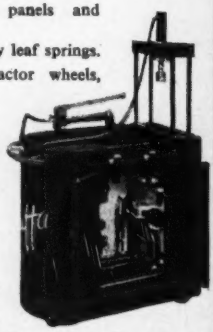

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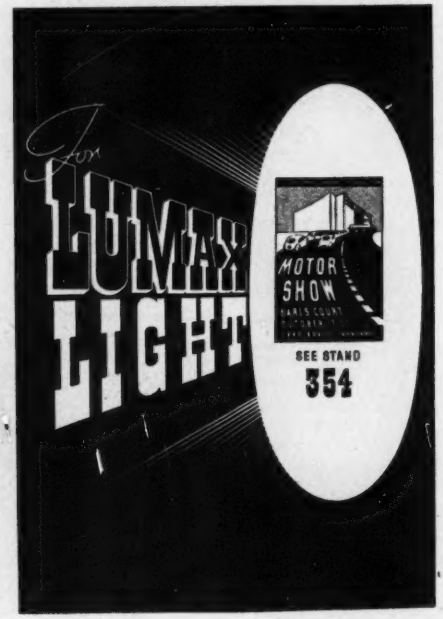

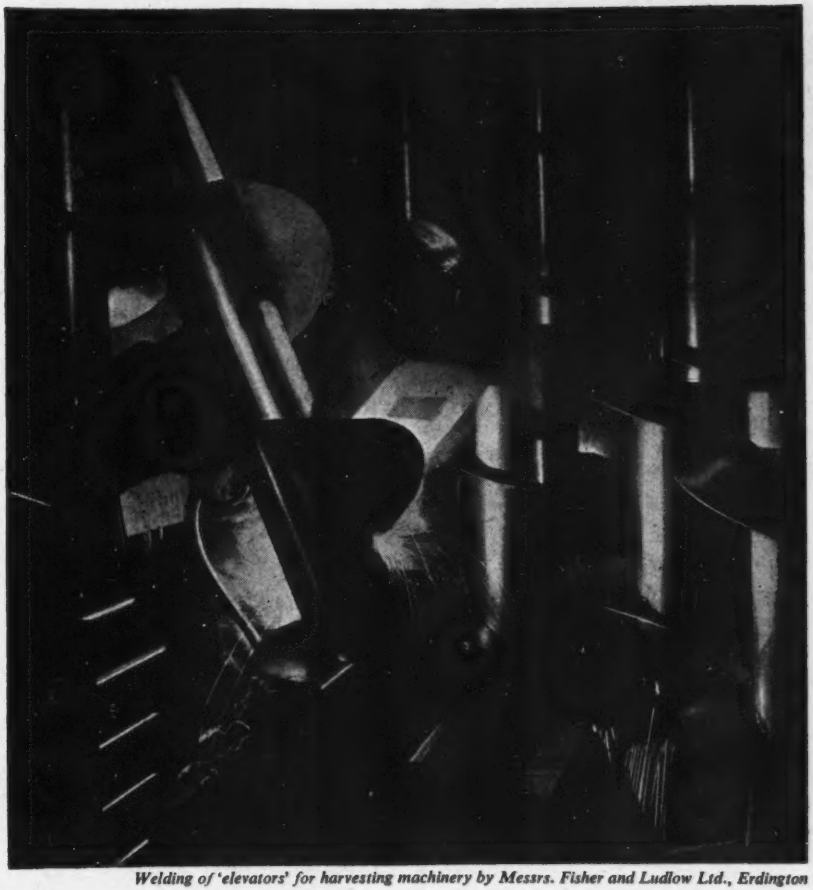

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WELDING is one of electricity's most revolutionary processes. Compared with riveting, it shows a man-power saving which is almost incredible. You can build your structure from a plate or sections instead of casting it or machining it from the solid. *Electric welding saves time and power, and greatly increases output.*

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Electricity for PRODUCTIVITY

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Light Industrial
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ENGINE RECONDITIONERS AND FACTORS SHOULD WRITE FOR MONTHLY STOCK SHEET

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Stand No. 284 Earls Court.

FIT A 'WATMAC'
DRAGOMAN
★ detachable ROOF RACK
PATENT No. 487483.

We are pleased to supply size lists and terms. Delivery direct to customer if desired.

8-10 h.p. 6 gns. Over 10 h.p. 7 gns.

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Fitted with safe 3-way latching device
3' 0" long, 1' 6" deep, 2' 6" high
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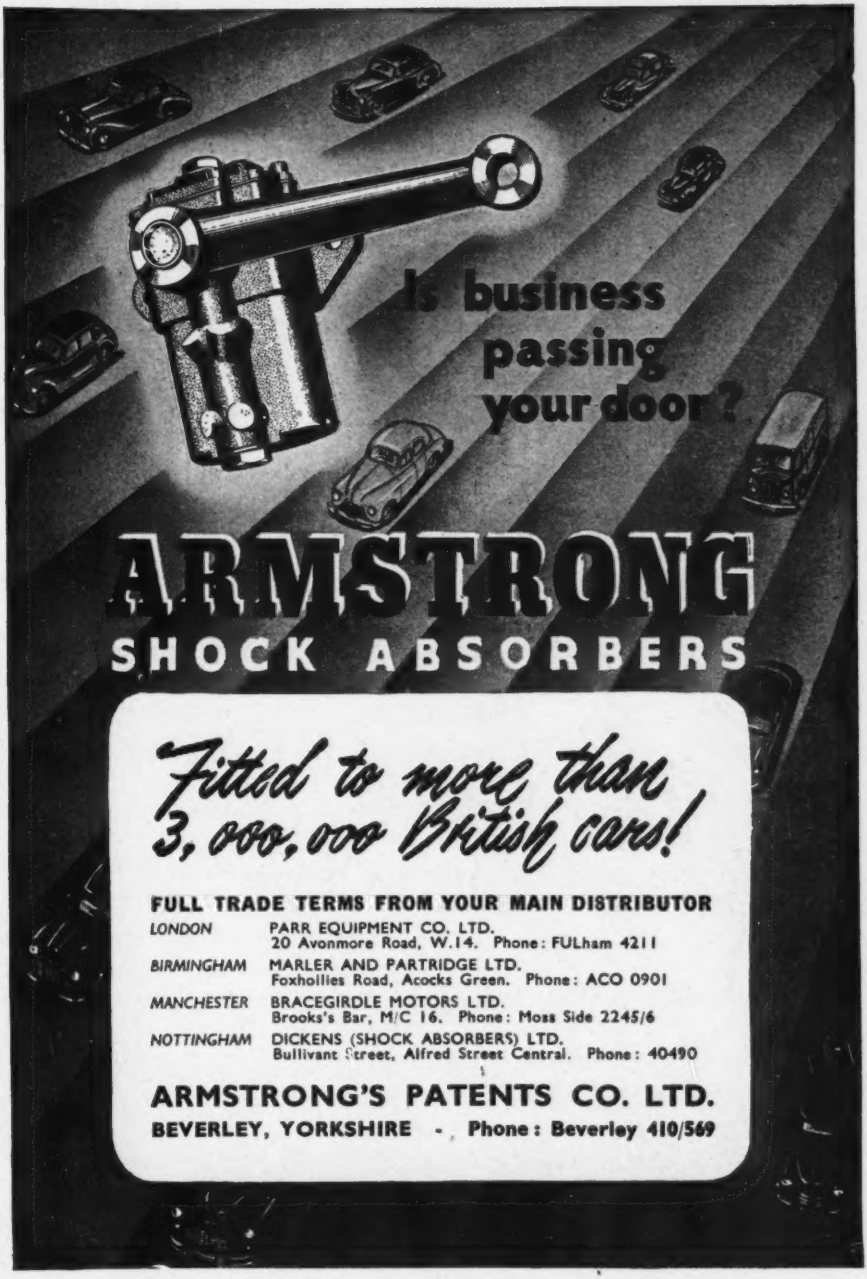
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SEAL OF RELIABILITY

Look for the name when you buy a car battery.

Guaranteed UNCONDITIONALLY FOR 2 YEARS

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SUPER SERVICE CAR BATTERIES

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P&P

THE ORIGINAL WATER MIXED

Grinding Compound

★ WORLD WIDE SALES ★

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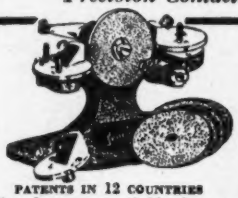
Points perfected in 10 secs.! with the

TRUEPOINT

Precision Contact Grinder



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Attachments available for converting B to A, or A to B.

Quickly cleans and aligns burnt, dirty, or malaligned ignition points of I.C. engines. Contacts are jigged at fulcrum point and points ground slightly convex for positive contact. Cheaply replaceable discs. Approved by leading makers. Fully guaranteed.

*Magneto and Universal Models now available

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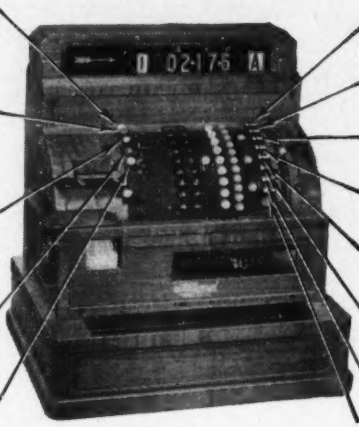
See also the latest American made Wrenches and Tools by "J. H. Williams of New York" and a selection of "Storm Garage Equipment" imported for the Show.
MOTOR SHOW
EARLS COURT
OCTOBER 17-27
BUCK & HICKMAN
LIMITED
WHITECHAPEL ROAD · LONDON E.1

Know the exact Profit (or Loss) on ALL sections of your business...

See the

National

GARAGE CONTROL System



STAND No. 450
AVENUE 'R'
FIRST FLOOR

MOTOR SHOW, EARLS COURT
OCTOBER 17-27

THE NATIONAL CASH REGISTER COMPANY LTD

BIRTHDAY HONOURS for "Filtrate" REGD. MOTOR OILS

Used & found Good for

FIFTY YEARS · 1901 – 1951

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SOLE MAKERS: EDWARD JOY & SONS LTD of LEEDS
ESTD 1807 · "Between Trafalgar and Waterloo"

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Oct. 17—Oct. 27
STAND 80

Always

Premier
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Comprehensive and Third Party Policies for Private Cars, Motor Cycles and Commercial Vehicles

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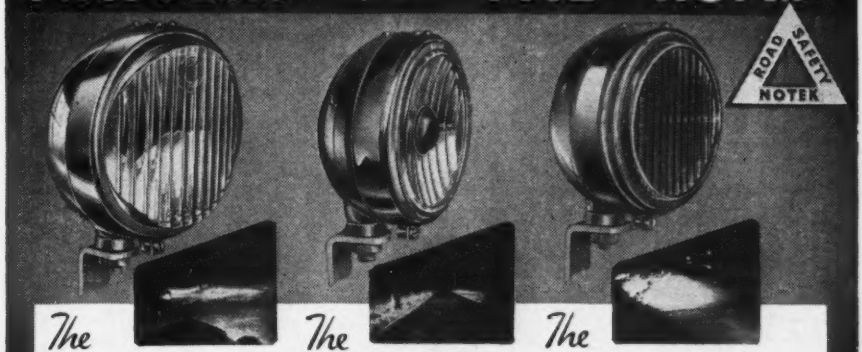

The WIDE-ANGLE LONG-RANGE
FOGMASTER or DRIVEMASTER
For Commercial, Coaches & Large Cars
For speeds up to 35/40 m.p.h. and in fog.
For additional speeds up to 55/60 m.p.h.

The WIDE-ANGLE LONG-RANGE
ROADMASTER or SPEEDMASTER
For all other Private Cars
For speeds up to 35/40 m.p.h. and in fog.
For additional speeds up to 55/60 m.p.h.

The ANTI-DAZZLE
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For all Vehicles
Throws a powerful asymmetrical beam. Eliminates dazzle.

products of THE NOTEK COMPANY of Great Britain

MOTOR SHOW: See the full range of Notek lamps at STAND No. 333 AVE. E

'ENGLISH ELECTRIC'

electronic ignition tester

FIRST OF ITS TYPE. The 'English Electric' electronic ignition tester provides the auto-electrician with an aid for mastering the elusive ignition problems on a profitable basis.

Within a few minutes a motorist can be supplied with a 22-point check report and repairs estimate based on the diagnosis of the cathode ray tube trace. As checks are made with the engine running and the tester operates from the vehicle's battery, road tests of customers' cars are readily made. Indicating the "reserve" of the ignition against failure, it provides a safeguard against "comebacks" on repair jobs. With each tester are supplied a comprehensive instruction book, posters for display in and around the garage and report sheets, left plain on one side for overprinting dealer publicity matter.

PRICE £50 complete

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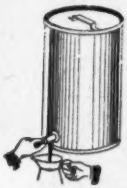
IT.3

? WHY ? GIVE YOUR CUSTOMERS THE INCONVENIENCE OF THIS

(Medieval)

WASTE! CONTAMINATION! EXASPERATION! MESS!

WHEN THIS IS AVAILABLE



(Modern)

TAP IN ONE UNIT WITH DRUM. CLEAN and HANDY. PROJECTS ONLY WHEN IN USE. TRAVELS READY FITTED IN OPERATING POSITION.

SOME OF THE MANY MODERN PHILLESCOPE DRUM PACKERS OF LIQUIDS.

Taps for most liquids supplied by all leading up-to-date drum makers or from:-

PHILLIPS TELESCOPIC TAPS LIMITED,

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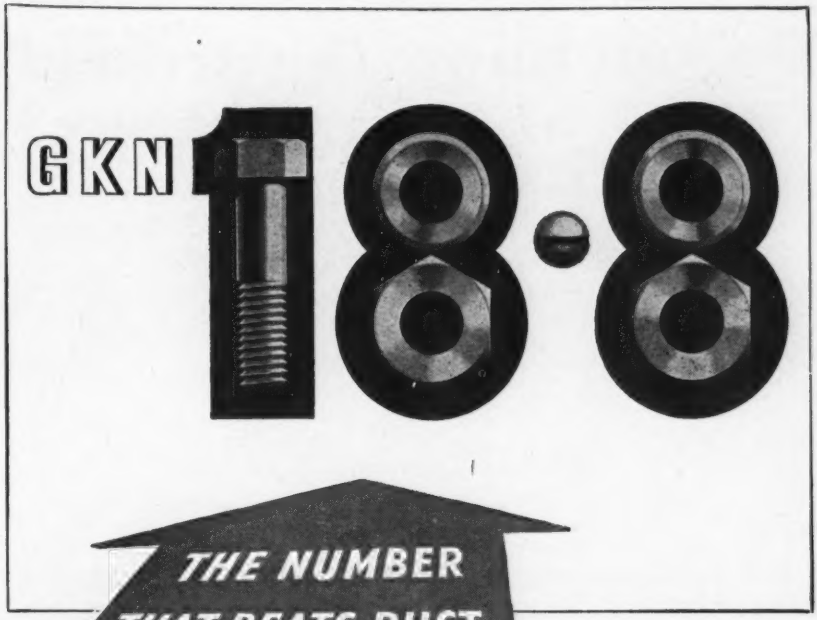
Telephone: BIRMINGHAM CENTRAL 2870 Telegrams: TAPESCOPIC, BIRMINGHAM



THE NUMBER THAT BEATS RUST

If you want steel fastenings that are proof against practically all corrosive conditions—think of the number *18-8*. 18-8 means stainless steel with 18% chromium and 8% nickel . . . far and away more economical in performance than slightly cheaper stainless steel products which lack 18-8's high rust-resisting quality. It's not enough to say "stainless" . . . remember the perfect combination . . . say G.K.N. *18-8*. We will be glad to supply full details of 18-8 stainless steel screws, bolts, nuts, cotter pins, hooks, self tapping screws etc. Our stock ranges are being considerably expanded and are the most comprehensive in the industry.

get in touch with . . . GKN

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SCREW DIVISION: BOX 24, HEATH STREET, BIRMINGHAM, 18

s/18.a/3003

Do you know the present value of your assets?

It is surprising how very few concerns are aware of the correct asset value of their *Property, Plant, Machinery* and *Equipment*.

Such information is important for purposes of Company Formation, Issue of Capital, Insurance, Mortgages and for the inauguration of Plant and Machinery Registers.

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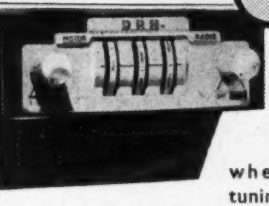

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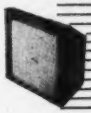

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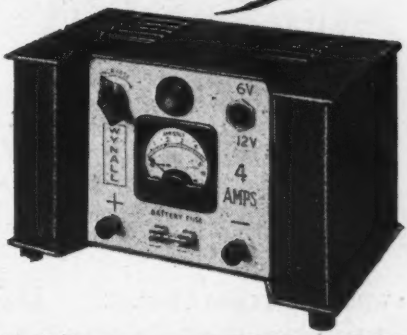

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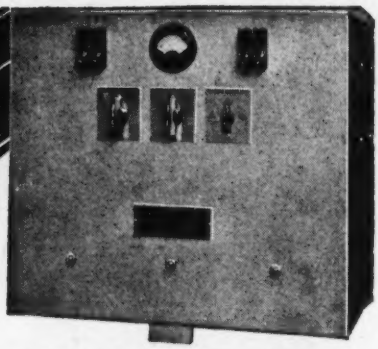

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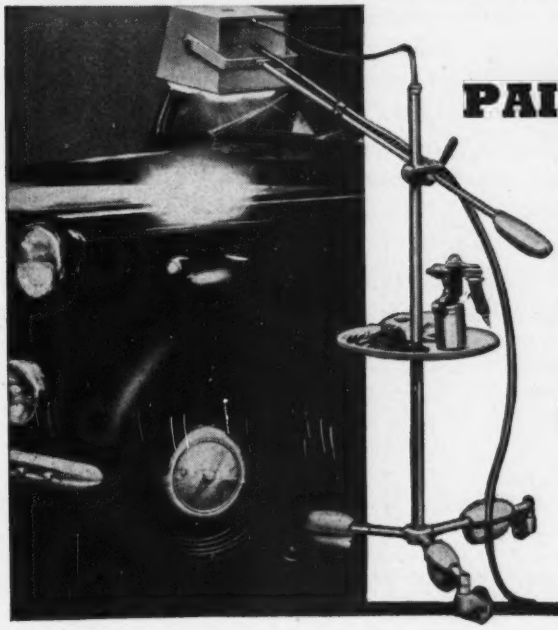

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The Garage & Motor Agent

Vol. 76 (2)—No. 1978

October 13th, 1951

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●

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TERSE TALKS ON TRADE TOPICS: 1689th

New-For-Old Equipment

THE Motor Show is traditionally the time for new things—new models, new body designs, new equipment and accessories. Many garagists go to Earls Court with the one object of picking out the novelties. Even in the Garage Service Equipment Section they tend to overlook the "old faithfuls." As a result, they don't do the job which should have been one of the main reasons for going to the Show.

That job is the restoration to peak efficiency of the WHOLE of the equipment employed at the premises way back home. The new items should be examined closely, of course, but every garagist Show visitor should have with him a list of existing equipment in his workshops which needs replacing either through being worn out or obsolete. Not for another year will he have the opportunity of being able to compare the merits of so much equipment so conveniently under one roof.

Time to start the re-equipping job is, of course, a day or so before the trip to London. Best idea is to go out into the workshops with a notebook in hand, and check up on every single item of equipment. If the boss has no up-to-date personal knowledge of a certain item, he should ask the most recent operator to say whether wear, weakness, inaccuracy or defect of any sort in the equipment has slowed him up and hindered his work.

With knowledge of this sort on paper the visit to the Equipment Section at the Show can be a really well-planned affair, with an itinerary worked out to include those stands featuring the new items to be seen and, just as important, those likely to provide the replacements.

This issue of "The Garage and Motor Agent" is designed to help in the planning of the visit. Containing a stand-by-stand description of the exhibits in the Service Equipment, Accessories and Component and Tyre Sections at the Show, it spotlights the new but does not forget the old and well-tried items.

Editor

WHAT DO *YOU* THINK ABOUT IT?

Death Duties and the

Another article by an expert which subject vital to all

In our issue of April 7th, 1951, there appeared an important article by F. W. Smith on "Is the Family Business Doomed to Extinction?" which aroused considerable interest. It concluded by saying that if changes in the law were made in the Budget, in view of the strong representations made to the Chancellor of the Exchequer, reference thereto would be made in "The G. and M.A." As no alterations in the law were made in the Finance Bill, there was no point in making further reference to the matter.

However, several things have happened since then which affect the position, and Mr. Smith has therefore brought the position up to date for "G. and M.A." readers in this second article.

Government report

THE recent representations on death duties to the Chancellor of the Exchequer, while not causing any alteration in the law, did prompt an investigation into this matter by the Board of Inland Revenue, the first such investigation since 1922. The findings of that investigation were presented to Parliament by the Chancellor, and were issued as a White Paper under the title "Estate Duty and Family Businesses" (H.M. Stationery Office, Cmd. 8295, price 6d.).

The report is of the greatest interest, as it produces figures which are only known to the Inland Revenue. It purports to show that in 1948 only in 1.6 per cent. of cases where family businesses were concerned, were the non-trade assets insufficient to meet the estate duty, compared with 0.9 per cent. in 1922. In other words, that in only one case in 60 was there not sufficient estate to leave the business intact. If this is really the position, then all the agitation of recent years to alter the basis of assessment for family businesses has had precious little foundation.

As the report points out, this is not a new issue, and certain factors have changed since 1922. The two major changes which have affected the position are the more stringent methods of valuation laid down for "controlled" private companies in the Finance Act, 1930, and made even harsher in the Finance Act, 1940: and the heavy rise in death duties. It is because of these factors that so much interest has been aroused recently in the subject.

Death duties on a £20,000 estate in 1922 (assuming that the estate went to the widow or children) were some £1,400 as against £2,400 to-day; on a £50,000 estate £5,450, as against £15,500; and on a £100,000 estate, £14,860 against £45,000.

Realised by few

So few people who own a business or control a private company from which they derive a reasonable income, realise how much that business, or their share in the company, is worth for death duty purposes. A business from which £2,000 a year is taken may easily be worth £20,000—£50,000 for duty purposes.

Add to that the value of the owner's house, furniture, etc., car, bank account, insurance policies and other assets, and you find that although he considers himself anything but a rich man, his estate will be in one of the higher brackets for estate duty.

To return to the investigation. The figures for the year 1948, covering all cases where the estates were over £10,000 nett capital value, were arrived at by the sample method. Cases where the "trade assets" exceeded £1,000 were then extracted and

By F. W. Smith,
F.C.I.S., F.A.C.C.A., A.I.B.
Assistant Trustee Manager, the Yorkshire Insurance Co., Ltd.

Family Business

summarises current thought on a private companies

examined to ascertain if the non-trade assets were adequate to pay the duty. Broadly speaking, trade assets comprised shares in private companies, the nett value of any interest in a partnership, and trade assets held as such by an individual trader.

Although the investigation related to 1948, the estate duty was recalculated on the basis of the duties now in force. The summarised result was as follows. The number of cases:—

(a) represented by the sample covering estates where total assets exceeded £10,000 was	12,986
(b) included in (a) with trade assets over £1,000, was	3,290
(c) where the non-trade assets were insufficient to pay the whole of the duty (debts charged against non-trade assets)	204
(d) as in (c) but excluding investment companies, etc.	86

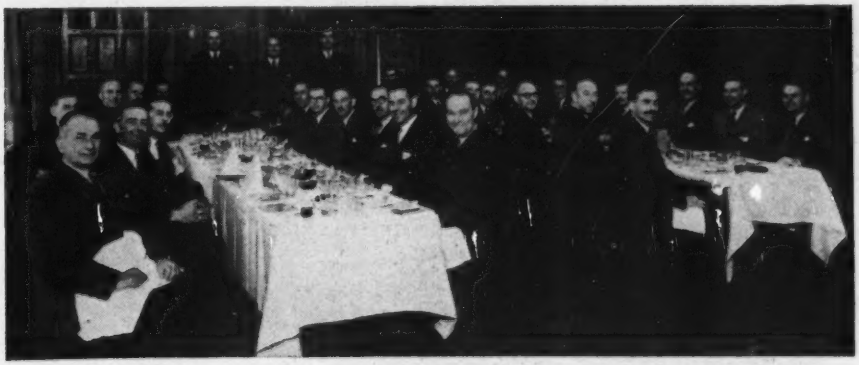
The 204 cases represent 1.6 per cent. of the total cases covered. But as some three-quarters of all the cases had either no trade assets or less than £1,000 of them, it is suggested that the calculation should be based only on the 3,290 cases which had more than £1,000 of trade assets. If this is done, the percentage rises to 6.2, or one case in 16.

Taking only estates over £20,000 (which the report suggests corresponds more closely in real terms to £10,000 in 1922) the proportion of one in 16 becomes one in 8¾. In other words, in no less than one case in every nine where the estate was over £20,000 and the trade assets over £1,000, the duty could not be met without using some of the trade assets as well as all the rest of the estate.

Serious position

And this result is arrived at by including estates with as little as £1,000 of trade assets. This minimum would appear to be far too low in present circumstances, and it would be interesting to know what the proportion would be if this minimum was raised to, say, £5,000.

Enough has been written here to show the seriousness of the position,



HANDING OVER.—Now Manager of the Vacuum Oil Co.'s automotive fuels department, F. P. Barribal recently handed over the management of the London automotive branch to J. N. Lister. A lunch was held to mark the occasion. Standing (l to r): J. N. Lister, F. P. Barribal, Director Charles Lawrie.

and to give point to the suggestion of the National Union of Manufacturers that the report adds to the evidence that a wide and more searching investigation is necessary. They point out that the report leaves out of account the steps which are being taken by those interested in family businesses in anticipation of liability to estate duty, and that it is this which is undermining the essential part of British industry represented by the family business.

In recent months a series of articles on death duties has been written by F. W. Smith for the "Financial Times." They have been prepared in booklet form under the title, "The Effect of Death Duties," and are available from the "Financial Times," 72, Coleman Street, London, E.C.2, at 1s. 2d. each, postage included.

In the report are contained some interesting tables. For example, of the 86 cases referred to in (d), 57 were companies, 10 partnerships and 19 individual traders. Dealing with the nature of the business carried on 63 were in distribution, 16 in manufacture (including building) and 7 in services (including hotels).

The report states, "The fact that some recourse may be necessary to the business assets to pay the duty does not necessarily mean that the business is broken up on the death of the deceased. In some cases shares may be issued to the public, and this may indeed be done on terms which leave the control in the hands of the family; part of the deceased's shareholding may be sold; it may be possible to raise a loan from the company itself; or in the case of an individual business or partnership the business may have sufficient liquid reserves out of which the duty could be paid."

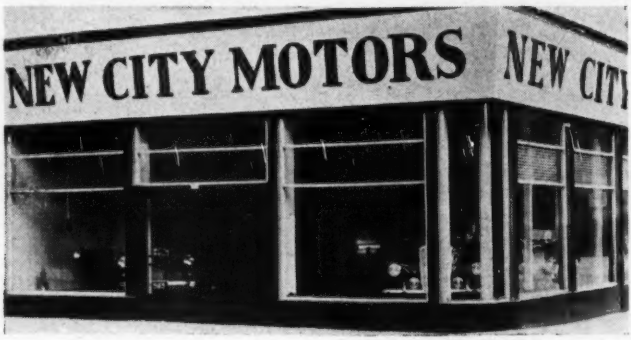
All these methods can be, and are being, employed but the price at which shares can be sold is often very much below the price placed on them for duty purposes.

As we saw in the earlier article, under Section 55 of the Finance Act, 1940, in a controlled company where the deceased, within five years of his death, had control of the company (through voting powers or otherwise) or was entitled to more than half the dividends and interest or to at least half the amount of the combined shares and debentures, his shareholding is valued, not on a yield basis, but on the relevant proportion of the assets of the company, including goodwill, valued at the date of his death.

Penal basis of valuation

This basis is penal at the best of times, but it will be even more so if dividends are limited by law as the Chancellor envisaged. It is not based on nominal paid-up capital or dividends paid, which is the basis for dividend limitation. If dividends are limited by law this will have a serious effect on the sale of shares, and also on the turning of the company into a public one.

Brief reference was made in the



IN GLASGOW.— New City Motors, Glasgow, have opened these premises at 169, New City Road. They are 51ft. long and 28ft. wide, and have a basement of 1,900 sq. ft. Entry to the basement is by hoist. The building has central heating and fluorescent lighting.

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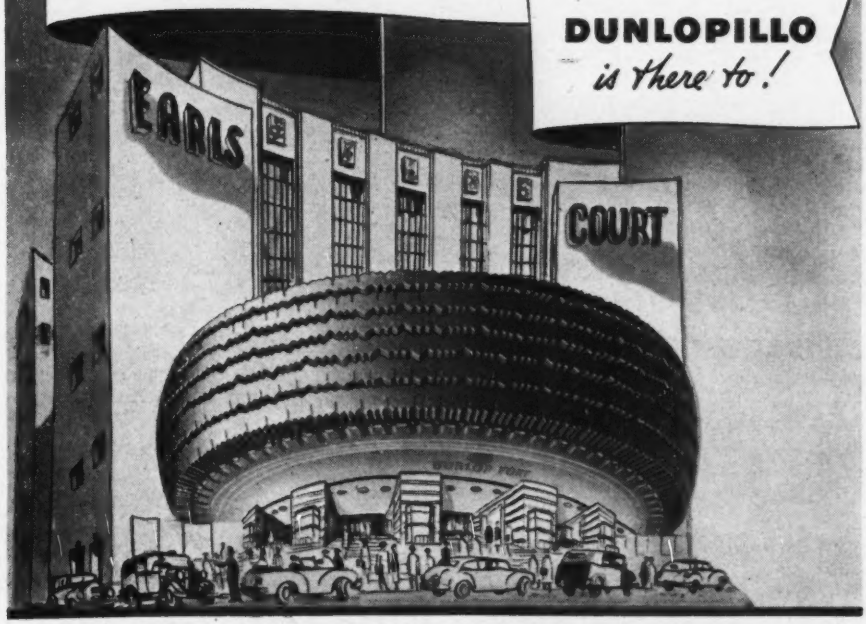

For the World's Master Tyre — **STAND 213**

IH/568

earlier article to Section 46 of the Finance Act, 1940. Its provision, and those of the succeeding sections, are so complicated that nothing but the broadest outline can be given.

In the case of a director-controlled company—that is, one under the control of not more than five persons (and for this purpose immediate relatives are counted as one person)—if the deceased had at any time made a transfer of assets to the company, the company itself may be liable to estate duty. Very broadly, there is a transfer whenever investments, goodwill or other assets of the deceased find their way into the hands of the company.

Thus, a sale to the company by the deceased of any assets where the consideration is shares in the company (or cash which is used to buy shares from the company) is a "transfer" for this purpose. In fact, until recently the purchase of shares from the company for cash was held to be a "transfer" of that cash.

By a majority decision in the Lords this is no longer the case, but this does not mean that amending legislation will not be introduced to revert to the previous practice of the Revenue regarding cash subscriptions for shares.

If there has been such a transfer the Revenue can claim estate duty, under Section 46, from the company itself: for this purpose the amount of income the deceased has taken, or could have taken, from the company during the five years prior to his death is taken as a proportion of the total income of the company during that period, and the proportion so arrived at of the company's nett assets (including goodwill) is chargeable with estate duty.

If duty is chargeable under Section 46 the amount so chargeable is aggregated with the deceased's estate to arrive at the rate of duty.

These provisions are so onerous that a Government spokesman announced that the relevant sections would be applied "reasonably."

What bankers think

It is not without significance that the recent memorandum of the British Bankers' Association to the Royal Commision on Taxation of Profits and Income, stressed the considerable strain on the liquid resources of private companies through the post-war rebuilding of stocks and viewed with some concern the future trend.

The report "Estate Duty and Family Businesses" concludes, ". . . it is worth noting that the public discussion has not so far resulted in the production to either the Chancellor of the Exchequer or the Board, of any cases in which a business has in fact been broken up by the operation of the death duties."

In view of this it is suggested that all cases of real hardship and difficulty should in future be brought to the notice of the Chancellor or the Board of Inland Revenue.

FILLING UP.—At the Shell-Mex and B.P. lubricants plant at Barton, Manchester, are operators filling 5-gallon drums, and, in the background (right), packing one-pint containers.

Since the debut of the Mark VII Jaguar at the last Motor Show, time has shown how well it merited that first sensational acclamation. In the same 12 months the Jaguar XK has dominated the International motoring scene, gaining success in no fewer than 12 major events, including the Le Mans 24 hour race—the first British Car to do so for 16 years. Jaguar are proud of this year of great achievement and of the generous tributes paid to their cars by press and public throughout the world.

JAGUAR

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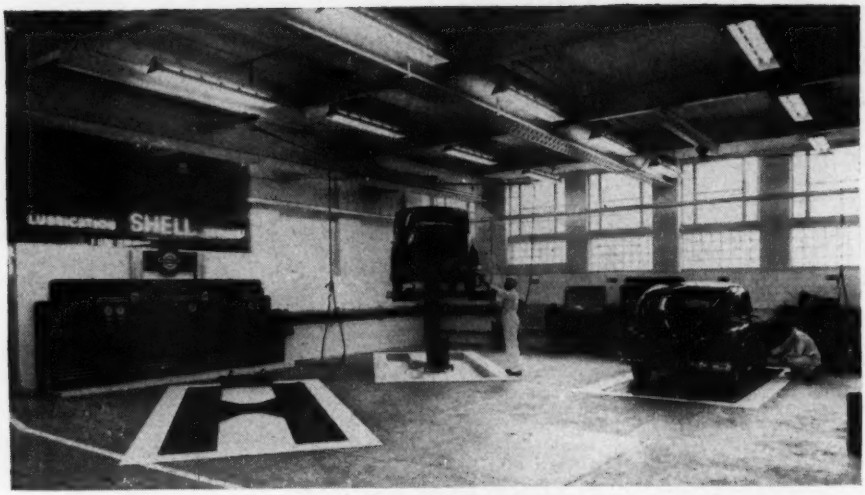


The new lubrication bay with the Tecalemit Majestic battery and three Tecalemit lifters are shown in this picture.

This Service Station Was

Deputy Managing Director Alick Co., opens H. A. Browett's

From 1896

IN 1896 a firm began making wheels for bicycles in a 5,000 sq. ft. workshop in Dover Street, Leicester. Growing more ambitious, they undertook the construction of complete bicycles and eventually blossomed out as motor cycle manufacturers. They also serviced cars, and when the motor cycle business declined, it was this side of the business that kept the firm going, especially after 1912, when H. A. Browett joined the company.

Now known as H. A. Browett and Co., Ltd., they were appointed distributors for the Standard Motor Co., and in addition to their Dover Street premises the firm have since acquired head offices and showrooms in Granby Street and three other branches in Leicester.

In 1932, the Dover Street workshops were extended to two floors, and these were again expanded in 1938. Then came the war, and with it the requisitioning of most of their premises, followed by a direct hit on Dover Street in November, 1940, which completely demolished the stores and paintshop.

Undaunted, the firm remained in operation, transferring the stores to the Granby Street showrooms and continuing to repair vehicles in the snow in their now roofless building. There was no heating system, and the lift to the upper floor having been destroyed, cars were hauled up by winch.

In 1946, H. A. Browett's took on 100 per cent. representation of Standard-Triumph, and ever since the end of the war they have been gradually rebuilding their premises.

On September 28th, their rebuilt

Crash and other big repair jobs are tackled on the first-floor workshop to which cars are brought by lift. This shop is well-lit by the large area of glass in the roof.

Once a Cycle-Wheel Works

S. Dick, of the Standard Motor rebuilt Leicester premises

Dover Street service station was officially opened by Deputy Managing Director Alick S. Dick of the Standard Motor Co., Ltd. Occupying a total area of 31,000 sq. ft., the service station is well laid out and is beautifully equipped.

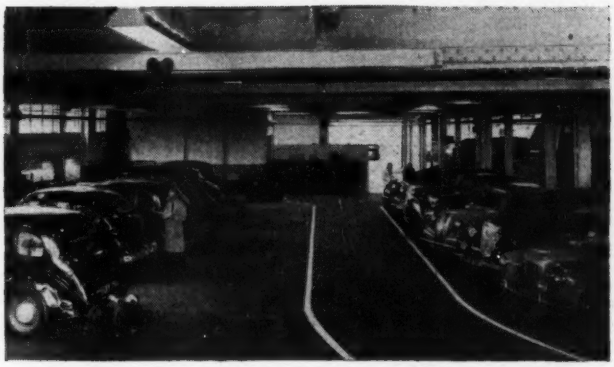
On the ground floor, where the lighter repairs are carried out, there is a lubrication bay equipped with a Tecalemit Majestic lubrication battery and three Tecalemit lifters, which stand where the stores used to be. Air is supplied by a Tecalemit two-stage compressor.

There are three grilled floor wash bays equipped with a Laycock Niagara car washer and a Tecalemit two-gun washing plant. Cars undergoing repair are parked along the left-hand and right-hand walls and are moved to a space in the centre of the floor when ready for collection.

The first floor is used for major repairs, and it also houses a trimming shop, a spray-painting booth and a small machine shop which is at present equipped with a Pollard Corona drill, Wolf precision valve refacer and Van Dorn bench grinder. These tools will shortly be joined by a milling machine, a crankshaft grinder and various other machine tools.

Also on this floor is the new car checking department where new cars receive a thorough checking before being delivered to dealers or customers. There is also a used-parts store where reconditioned parts and parts stripped from vehicles bought for dismantling are kept.

The building is heated by Ideal boilers with mechanised feed for their solid fuel and controlled by a Satch-



Light repair work is carried out on the ground floor in left-hand and right-hand bays, while cars awaiting collection are parked in a central bay in the middle of the floor.

well thermostat. The upstairs pipes have electric circulators which are cut out thermostatically when the upstairs temperature reaches the required level.

In the well-equipped electricians' shop on the first floor, there was at the time of our visit a big display of Smiths motor accessories. The downstairs shops are lit by fluorescent lighting, while upstairs numerous roof lights provide ample day-time illumination.

Opening congratulations

Speaking at the opening ceremony, P. H. J. Browett said that his father, H. A. Browett, had just cause for satisfaction at the results achieved during the last 40 years. It had always been his policy to give good service to the owners of the cars they supplied.

He had specially asked the firm's employees to be present at the opening ceremony, for without their help, skill and loyalty the company could not have achieved their present success. In recognition of this, the firm had recently instituted a pensions scheme.

Performing the opening ceremony, Standard Deputy Managing Director Alick S. Dick said the excellent new service station had obviously been planned by men of long experience in the trade. He congratulated the firm on their initiative and foresight in bringing their plans to finality.

He congratulated them also on keeping their owners satisfied by giving first-class service both to post-war and pre-war cars, many of which should have been replaced long ago. He hoped that the new service station would bring added good fortune to their company's already distinguished record.

Speaking at a lunch following the opening ceremony, Alick S. Dick said that in 1939 85 per cent. of the cars produced in this country went to the home market and 15 per cent. were shipped overseas. The position was now reversed and 85 per cent. were going abroad. Australia, with a population of eight million people, took 15,000 Standard Triumph cars last year, twice as many as they were able to supply to Great Britain with its population of nearly 50 million.

They were now producing at Standards one car or tractor every 45 seconds of the working day, and it was no wonder that the home motorist lost patience at times. As the defence programme gained impetus, however, the home market position was bound to worsen.

Speaking of the new service station, Mr. Dick said it was proof of the Browetts' faith in the country's future and in Standard-Triumph products and policy. Mr. Browett had built up an organisation during his life time of which he had every right to be proud. He concluded by reading a message from Sir John Black wishing the firm every success in the future.

The opening was followed by a successful service week during which more than 260 cars were inspected by engineers from Standards and by Girling, Lockheed, Smiths, and Radiomobile engineers.

WORKERS SHARE PROFITS

Employees of the Triplex Safety Glass Co., Ltd., are sharing £15,000 from their firm's profits. Each man and woman who has been with the company for more than 12 months will thus receive an increase of 6¼ per cent. on their wages.

The profit-sharing allocation would have been 12½ per cent. had not the workers voluntarily handed back half their entitlement to help in the establishment of a pension fund.

By appointment to
His Majesty The King
Manufacturers of
Land-Rovers
The Rover Company Ltd.

One of Britain's Fine Cars

ROVER

Seventy-Five

The combination of silence, power and economy in the Rover Seventy-Five engine would in itself make this a remarkable car. Combine it with modern but practical lines, giving room for six without sacrificing a jot of Rover's traditional quality of appointment and finish, and you have a product that is rightly described as "one of Britain's Fine Cars".

EARLS COURT
October 17th-27th
STAND NO. 158

THE ROVER COMPANY LIMITED
SOLIHULL, BIRMINGHAM ALSO DEVONSHIRE HOUSE, LONDON

CVS-161

"We Must Have a College"

Stanley S. Dawes re-emphasises motor industry's need in I.M.I. Presidential address

Need for higher education

"I **SUBMIT to you that the need for a residential college for the motor industry was never more pressing,"** said **Stanley S. Dawes** in his Presidential address to the Institute of the Motor Industry last week.

In an expanding industry such as the motor industry, there was an ever-increasing need for higher and more concentrated educational training in order to enable their specialised techniques to be taught effectively. It was some three years since the institute had carried out investigations and stressed the importance of this project to the industry, but he made no apology for once more bringing this vital matter to their attention, for so far no organised interest had been shown towards bringing such an institution into being.

"Surely it cannot be that there is an absence of appreciation of the values to be derived from the setting up of such machinery" said the President.

A year ago he suggested that the industry should consider setting up a special residential training establishment at which intensive courses could be given for all levels of technical, commercial, managerial and administrative knowledge, including industrial relations and industrial psychology.

Primary training service

Such an establishment would not attempt to duplicate the general work of the technical colleges or of any other training schemes in the industry. What it would do would be to provide a primary training service for sections of the industry where these were at present lacking, interlocked as closely as possible with existing courses in the industry.

The new institute would also provide refresher and more advanced courses; in short **it would become the focal point on which all other motor industry training schemes could converge.**

It was beyond the resources of the I.M.I. to carry through single-handed the establishment and running of such a centre. It should be run by the industry as a whole, perhaps with some Government assistance.

"The motor industry would gain immediately in prestige by putting such a scheme in hand, and would make a great contribution to its own well-being even over the period of the next few years," said Mr. Dawes.

Even a short-duration course, the I.M.I. Summer School at Cambridge, had proved of enormous benefit to men from firms whose names were household words and whose educational facilities left nothing to be desired. How much more might therefore be done by providing courses of longer duration with a wider choice of subjects.

"The specialised techniques of the motor industry are worthy of central, institutional concentration, and once the industry recognises this fact and shows a will to do something about it, **that something can and will be done,"** he said.

Experience available

Mr. Dawes said that he was led to believe that once the need for such an institution was established by the industry, earnest consideration would be given to the project by the authorities of a well-known college with which they could all feel proud to be associated. This did not mean that the industry would be relieved of financial responsibility for the project, nor that it could come into being within a year.

It did, however, mean that a wealth of experience would be made available to the advisory committee set up for the purpose of planning such an establishment, and this might conceivably **bring the establishment into operation within two years.**

They were all well aware of the results of a recent survey into forecourt service. Whether or not the industry agreed with the findings did not much matter. One thing was apparent, the need of education for service, and, in consequence, many service stations must have benefited from the investigations carried out. Education in this respect, however, was but a tiny speck on the periphery of the industry's educational orb.

"First establish the industry's fundamental educational needs, bring into being the establishment to cater for these requirements and such items as I have men-

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tioned, which to me are of secondary consideration, will experience an immediate uplift by the concentrated and objective action emanating from such an institution. **Any inefficiency in service to the public is a reflection on management.**"

Any improvement in managerial technique must permeate the whole organisation.

Common concern of all

A real effort would be made to ensure representation of the industry's widest possible interests in the consideration of this project. It could not be the responsibility of any one section, but must be the common concern of all if it were to have any chance of success.

"Let us with one heart and mind determine that our great industry shall not lag behind others in this vital need for a central, residential educational establishment."

Earlier in his address the President had dwelt on the purpose of education. He said that in common with many of his generation his education had been in the hard school of human, industrial and social experience, by which they were brought into contact with the grim realities of human existence. They were taught that the fundamental rules to a successful life were hard work, diligent and industrious service, an appreciation of their own job and a pride in their own craftsmanship by which they and the products of the business with which they were associated were assessed.

Basis of education

Effective education, he thought, was seen in those whose innate qualities of body, mind and soul were so developed as to fit them not only for their job in life but also for the wider sphere of responsibilities as intelligent, competent and trustworthy members of society.

One of the many purposes which the I.M.I. was performing was the provision for its members of facilities by which a continuous process of the development of the mentality, personality and understanding of subjects affecting human relationships could be acquired. This was the basis on which their summer school was founded.

Speaking of the need for further education in the field of industrial relations and management, the President said that while those in command of the productive machinery of their great industry were alive to the quickening needs of the hour, this was not always so with the rank and file. They tended to look on the managerial office of any organisation as a mere sinecure, and by their lack of understanding of the industrial problem often adopted "go slow" tactics or withheld their services at the slightest provocation, irrespective of the paralysing effects of such actions on their own well-being and on that of the community and the national economy.

"We are engaged in the greatest economic battle that has ever confronted this nation in a peacetime period. They who would seek to retard the productive skill of any person or disrupt the flow of industrial achievement **are drags on the wheels of industrial and social progress, and are a menace to national security and to their own prosperity.**"

Vote of thanks

Proposing the vote of thanks to the President at the conclusion of his address, Past President **Walter Boyle** said that it was with something of a shock that he heard the President refer to him as their Senior Past President.

Mr. Boyle said he was astounded by the energy of the President, for as one grew older, there was much to be said for being able just to sit down and listen. The President had spent hours and hours in writing this speech, and he must have used up tremendous reserves of energy in delivering it. Even more marvellous was the fact that it was not the first one he had done.

The vote of thanks was approved with enthusiastic applause.

The many guests at the luncheon preceding the Presidential address were welcomed by Chairman of Council **A. Fraser Durdin**, who singled out for special mention **F. S. Bennett, A. Palmer Phillips** — a past-President of the I.M.I., and Vice-President **Sir William Letts.**

Prior to his Presidential address, Mr. Dawes asked members to stand in silence for a minute in honour of the memory of the late **W. Harold Perry**, their first President.

Hooper and Co. (Coachbuilders), Ltd., 54, St. James's Street, London, S.W.1, are now distributors for Lanchester cars for London, South of the Thames within 12 miles radius of Charing Cross. The company have appointed **R. M. Sanford** as their representative for the sale of these cars. Mr. Sanford was for many years with Fiat (England), Ltd.

A background of Service

The facilities of the U.D.T. organisation extend to almost every trade and industry.

Not least have the benefits been felt in the Motor and allied trades.

If you would like to discuss *your* problem, or simply learn something more of our Services, you are cordially invited to see us on—

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BRANCHES THROUGHOUT THE UNITED KINGDOM

"Wage Agreements in the Garage Industry"

Practical working guide in non-legal language

Another business aid

"THE G. and M.A." takes pleasure in presenting yet another paper business aid for the motor trade—a book this time, which has been specially written to help put the personnel or employment side of garage management on ball bearings.

As the foreword explains, "The essential purpose of this handbook is to provide a practical working guide in plain, non-legal language, to the chief features and effects of the Wages and Conditions of Employment Agreements of the National Joint Industrial Council for the Motor Vehicle Retail and Repairing Trade."

The four Agreements relating to the garage industry are not unusually hard-to-understand examples of their kind. But, being legal agreements, they contain clauses the precise meaning of which is not always fully appreciated by those who have to apply them. Queries which "The G. and M.A." is continually receiving on such points as wages during sickness, 7-day working, deferment of call-up, and so on, are proof that there was a real need for the book. If, therefore, it saves the time of busy garage managements in putting similar questions in the future, and prevents what can easily be serious and costly mistakes being made, the book will have earned the title of a real business aid.

"Wage Agreements in the Garage Industry" to give the book its short title, is the work of an author who has had probably more experience than anyone else in the industry in elucidating the meanings of the Agreements and solving the day-to-day problems that arise.

To give an idea of the range of the book, we have reproduced the table of contents in the accompanying panel.

"Wage Agreements in the Garage Industry" is priced at 3s. 6d. (3s. 9d. by post), and copies can be obtained from the Sales Department of "The Garage and Motor Agent," at 62, Doughty Street, London, W.C.1.

PART I

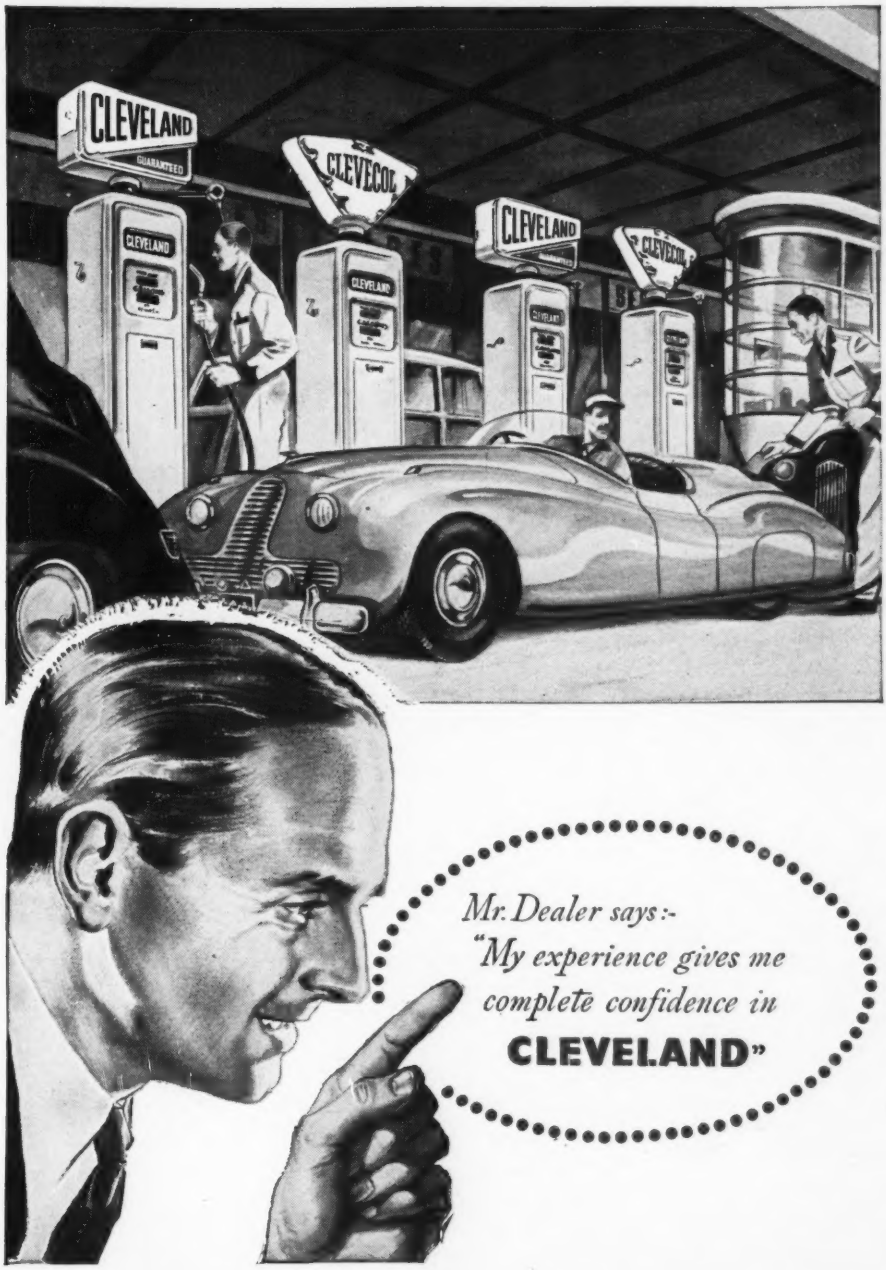
The Agreements

1. **WAGE RATES:**—Definition of the Motor Vehicle Retail and Repairing Trade—Specialist repairers — Classification of and designation of Workers — Vehicle Body Repairer—Exclusions from agreements—Bonus payments—Merit money.
2. **GUARANTEED WAGE and ENDING EMPLOYMENT:**—Alternative work—Wages during absence because of illness—Position during strike—Duration of notice—Timing of notice—Retention of moneys on dismissal—When worker does not give requisite notice—Instant dismissal —Absenteeism or lateness.
3. **HOURS OF WORK:**—Normal day—Meal and refreshment breaks—Half-holiday—Five and five-and-a-half-day week—Rotating shift—Special position of pump attendants and garage attendants—Limitations in case of women and young persons.
4. **OVERTIME and 7-DAY WORKING:**—Late arrival at work—Rotating shift—Night shift—Seven-day working system.
5. **HOLIDAYS:**—Bank Holidays—Substituted days—Work done on customary holidays —Absence before or after holidays—Position of workers during illness—Rate of payment—"Holiday period"—On termination of employment.

PART II

General

6. **DEDUCTIONS from WAGES:**—Truck Acts —Permitted deductions—Fines or damaged materials—Collective fines—Pension and sick funds—Loans—Agreement with employee.
7. **NATIONAL SERVICE:**—Length of—Registration —Deferment —Apprentices—Reinstatement — Part-time service — Annual training camps—National Insurance contributions—Classes Z, G, and other Reservists.
8. **CHANGES in the AGREEMENTS:**—"Overall" increases—Changes in minimum only—Changes since 1941—Juvenile rates.
9. **MISCELLANEOUS:**—Contract of employment—Works rules—References—Loss of tools—Loss of workers' belongings—Dangerous occurrences—Rent-free accommodation—Milk for spray painters—Workmen's compensation — Clerical workers — Wages during illness.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complete confidence in
CLEVELAND"

The Wonderful New

COVMO *XL De Luxe*

Produced in sizes for all popular engines. Further sizes are being added to this range as supplies permit.

The best engineered piston ever produced

ALL the finest up-to-the-minute features in one piston

More mileage for your customers

1 CHROMIUM PLATED TOP RING — doubles Cylinder life...

The most recent and far-reaching development in piston research. The layer of hard chrome on the working surface of the top ring in contact with the bore not only virtually abolishes ring wear but also reduces wear of the bore by more than half. The combination of a tapered periphery ring in the second groove, with this chromium wear-resisting ring successfully achieves the dual objects of good bedding-in and long life of the respective working surfaces. Full engine efficiency and economy ARE MAINTAINED FOR TWICE THE NORMAL PERIOD. The well known Maxigroove Oil Control Rings are fitted to ensure satisfactory oil control.

2 GRAPHITE IMPREGNATED — checks run-in wear...

This is another brilliant new feature which means reduced initial wear and far greater refinement of running than has ever before been possible. The smooth black surface of the XL de luxe piston is an impregnation of colloidal graphite. This is remarkably tenacious, and provides extra lubrication during the whole of the initial period during running-in.

3 FULLY FASHIONED SKIRT — for quiet running...

COVMO XL de Luxe pistons may be fitted with minimum clearances. Extreme quietness of running is a pronounced feature. They are produced on the latest especially designed grinding machines which produce the compound ovality skirt form now proved by extensive research to give best results under working temperatures.

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Each carton contains a SATISFACTION SEAL for attaching to the windscreen of the car when COVMO XL de Luxe Pistons have been fitted. This capitalises on the goodwill associated with this wonderful new Piston and certifies to your customer that his engine has had the Long Life Rebore.

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SHRUNK-ON BRITISH STEEL FLYWHEEL GEAR

September, 1951

To Business Associates . . .

STANDARDISATION OF GEAR RINGS

Gentlemen,

Recognising as we do the wisdom of introducing a broader measure of standardisation in the manufacture of units and components for the motor and allied trades, we pay tribute to the effort sponsored by the Lucas Organisation when relating as they do in their publication No. 875 the relative performance of 'Shrunk-on' gear rings with the pinions of their starting motors fitted with inertia-type drive.

It would be wrong, however, for any designer to think from this that such brevity can adequately describe flywheel ring gear production. It is, then, our intention to publish shortly a [illegible]gue giving a chronology of our factual experiences in the [illegible] the most suitable steels, heat treatment and tooth form [illegible]r the express performance of passing on to [illegible] manufacturers the benefit of our [illegible]nty years.

Our catalogue [illegible] century machine age and wi[illegible] method of putting a wrought-[illegible] cart wh[illegible] We shall relate too the extent [illegible] economy has [illegible] the use of medium-carbon steel [illegible] in process of ma[illegible]

We invite your problems in flywh[illegible]gn and size to any exacting need.

We extend too the fullest possible co-operat[illegible] to every starter motor pinion manufacturer, to ensure due consort in the mating of the pinion and the ring gear towards getting the maximum life and reliable service.

Francis B. Willmott.

Chairman & Managing Director

Mr. Willmott's second book "THE HUMAN TOUCH In Industry", published by the Saint Catherine Press, 39, Parker Street, London, W.C.2, will be on sale 14th November

The Garage & Motor Agent

Used-Car Market Report

DIGEST of prices quoted in trade and private advertisements of used-cars FOR SALE appearing in current issues of public motoring journals and representative national and provincial newspapers. In each case the figure given is the nearest "popular" average, i.e., the MAJORITY, NOT the arithmetical average.

Prices in right-hand column in £'s.

C—Coupe. T—2 or 3 seat Tourer.
F—4 or 5 seat Tourer. S—Saloon.
L—Limousine. U—Utility.

A.C.

35 C 16/80	225
35 S 16 h.p.	300
36 S 16/80	245
36 S 16 h.p.	325
36 C 16 h.p.	340
37 T 16-80	395
37 S 16 h.p.	375
37 F 16-80	425
37 C 16 h.p.	450
38 T 16-90 h.p.	565
38 F 16-80	580
48 S 2-litre	1190
49 S 2-litre	1375
50 F 2-litre	1595
50 S 2-litre	1450

ALFA-ROMEO

36 C 1½-litre	495
35 F 2.3-litre	575
35 T 2.3-litre	675
39 S 2.3-litre	1500

ALLARD

46 T 30 h.p.	625
47 F 30 h.p.	750
47 C 30 h.p.	795
47 T 30 h.p.	725
48 C 30 h.p.	755
48 F 30 h.p.	760
48 T 30 h.p.	750
48 S 30 h.p.	910
49 T 30 h.p.	850
49 C 30 h.p.	925
49 F 30 h.p.	1095
49 S 30 h.p.	1030
50 S 30 h.p.	1295

ALVIS

38 S 14 h.p.	355
38 S 14 h p.	515
39 C 14 h.p.	650
47 S 14 h.p.	1005
48 C 14 h.p.	1275
48 S 14 h.p.	1325
49 S 14 h.p.	1362
49 C 14 h.p.	1422
50 S 14 h.p.	1662
50 C 14 h.p.	1650
36 S S.Eagle	375
37 S Crest	440
38 S Crest	485
36 S 17 h.p.	500
37 S 17 h.p	565
39 S 17 h.p.	650
35 S Sp. 20 h.p.	320
36 S Sp. 20 h.p.	350
36 F Sp. 20 h.p.	495
37 S Sp. 25 h.p.	445
37 T Sp. 25 h.p.	420
37 C Sp. 25 h.p.	465
38 F Sp. 25 h.p.	575
38 S Sp. 25 h.p.	585
39 T Sp. 25 h.p.	675
39 S Sp. 25 h.p.	695
37 S 3.4-litre	550
38 S 4.3-litre	595
38 C 4.3-litre	675
39 S 4.3-litre	795
39 C 4.3-litre	825

ARMSTRONG SIDDELEY

35 S 12 h.p.	185
36 S 14 h.p.	225
37 S 14 h.p.	285
38 S 14 h.p.	425
38 S 16 h.p.	525
40 S 16 h.p.	650
46 C Hurricane	795
46 S Lancaster	995
46 S Typhoon	900
47 C Hurricane	895
47 S Typhoon	990
47 S Lancaster	1040
48 C Hurricane	1050
48 S Typhoon	1082
48 S Lancaster	1250
49 S Typhoon	1295
49 C Hurricane	1250
49 S Lancaster	1275
50 S Hurricane	1600
50 S Lancaster	1672
50 S Typhoon	1375
36 S 17 h.p.	260
36 L 17 h.p.	295
37 S 17 h.p.	452
37 L 17 h.p.	530
38 S 17 h.p.	530
38 L 17 h.p	615
39 S 17 h.p.	645
39 L 17 h.p.	715
40 S 17 h.p.	675
40 L 17 h.p.	695
50 S Wy 18 h.p.	1342
37 S 20 h.p.	450
35 L 25 h.p.	495
37 S 25 h.p.	395
38 S 25 h.p.	550
38 L 25 h.p.	615
39 S 25 h.p.	750
39 L 25 h.p.	875
36 L 30 h.p.	595
37 L 30 h.p.	625
37 F 30 h.p.	850

ASTON MARTIN

36 T 1½-litre	425
36 F 1½-litre	440
36 S 1½-litre	495
37 F 1½-litre	575
37 T 2-litre	725
38 S 2-litre	595
38 T 2-litre	595
38 F 2-litre	662
39 T 2-litre	850
48 C 2-litre	1950
49 C 2-litre	2050
49 S DB2	1295

AUBURN

37 C 30 h.p.	350

AUSTIN

35 T 7 h.p.	175
35 F 7 h.p.	185
35 S 7 h.p.	155
36 T 7 h.p.	200
36 S 7 h.p.	239
37 T 7 h.p.	265
37 S 7 h.p.	245
38 T 7 h.p.	220
38 S 7 h.p.	295
38 C 7 h.p.	255
39 S 7 h.p.	322
38 S 8 h.p.	315
39 F 8 h.p.	325
39 S 8 h.p.	337
40 S 8 h.p.	369
41 S 8 h.p.	375
42 S 8 h.p.	385
43 S 8 h.p.	435
45 S 8 h.p.	546
46 F 8 h.p.	575
46 S 8 h.p.	585
47 S 8 h.p.	630
48 S 8 h.p.	653
35 T 10 h.p.	195
35 S 10 h.p.	245
35 F 10 h.p.	235
36 T 10 h.p.	225
36 S 10 h.p.	305
36 C 10 h.p.	270
37 S 10 h.p.	345
37 T 10 h.p.	305
37 F 10 h.p.	325
38 S 10 h.p.	385
38 C 10 h.p.	395
38 F 10 h.p.	155
39 S 10 h.p.	455
39 C 10 h.p.	420
40 C 10 h.p.	395
40 S 10 h.p.	455
41 S 10 h.p.	495
42 S 10 h.p.	560
45 S 10 h.p.	595
46 S 10 h.p.	680
47 S 10 h.p.	750
47 S A.40	865
48 S A.40	895
49 S A.40	1005
49 U A.40	820
50 S A.40	1197
35 S 12 h.p.	195
36 S 12 h.p.	259
37 S 12 h.p.	375
38 S 12 h.p.	430
39 S 12 h.p.	485
40 S 12 h.p.	595
46 S 12 h.p.	767
47 S 12 h.p.	795
36 S 14 h.p.	275
38 S 14 h.p.	475
39 S 14 h.p.	495
35 F 16 h.p.	165
35 S 16 h.p.	215
35 L 16 h.p.	205
36 S 16 h.p.	195
36 L 16 h.p.	325
37 S 16 h.p.	301
37 F 16 h.p.	312
37 T 16 h.p.	325
38 C 16 h.p.	385
38 S 16 h.p.	415
39 S 16 h.p.	439
46 S 16 h.p.	785
47 S 16 h.p.	900
48 S 16 h.p.	950
49 S 16 h.p.	1075
50 S 16 h.p.	1200
49 S A.70	1272
50 S A.70	1415
49 S A.90	1850
49 C A.90	1322
50 C A.90	1497
50 S A.90	1585
35 S 18 h.p.	272
35 L 18 h.p.	325
36 S 18 h.p.	375
36 L 18 h.p.	365
37 S 18 h.p.	475
37 L 18 h.p.	595
38 L 18 h.p.	750
38 S 18 h.p.	725
39 S 18 h.p.	787
39 L 18 h.p.	1092
35 S 20 h.p.	435
35 L 20 h.p.	435
36 S 20 h.p.	575
37 S 20 h.p.	775
38 L 20 h.p.	825
38 S 20 h.p.	1050
35 S 24 h.p.	350
36 S 24 h.p.	430
37 L 24 h.p.	725
37 S 24 h.p.	525
38 S 24 h.p.	785
39 S 28 h.p.	895
39 L 28 h.p.	1000
48 S A.125	1575
49 S A.125	1790
50 S A.125	1895
49 S A.135	2400
50 S A.135	2650

BENTLEY

25 T 3-litre	250
26 F 3-litre	298
28 F 3-litre	325
34 S 3½-litre	937
34 C 3½-litre	1075
35 S 3½-litre	1412
36 C 3½-litre	1485
36 S 3½-litre	1495
37 S 3½-litre	1595
37 T 3½-litre	1385
37 C 3½-litre	1012
31 S 4-litre	250
36 S 4½-litre	1700
37 C 4½-litre	1950
37 S 4½-litre	1762
38 S 4½-litre	2350
38 F 4½-litre	1950
39 C 4½-litre	2645
39 S 4½-litre	2675
39 F 4½-litre	2750
47 S Mk VI	3925
48 S Mk VI	4650
48 C Mk VI	4400
49 C Mk VI	5120
49 S Mk VI	5075
50 S Mk VI	5950
28 C 4½-litre	425
29 S 4½-litre	330

B.M.W.

36 S 45	295
37 S 45	305
37 C 48	385
38 S 321	525
37 C 329	525
38 C 329	575

BOND

49 T 2 h.p.	240
50 T 2 h.p.	262

BRISTOL

48 S 400	2300
49 S 400	3100
50 S 401	3850

"The G. & M.A." Used-Car Market Report—(*continued*).

BRITISH

SALMSON

38 S 13 h.p.	375
38 S 14 h.p.	400

BROUGH SUPERIOR

37 C 22 h.p.	495
41 S 22 h.p.	595
39 C 3½-litre	575
36 C 29 h.p.	325
38 S 29 h.p.	275

B.S.A.

35 T 9 h.p.	150
36 T 9 h.p.	185
35 S 10 h.p.	120
36 C 10 h.p.	195
36 F 10 h.p.	195
36 T 10 h.p.	195
37 C 10 h.p.	220
37 F 10 h.p.	255
38 S 10 h.p.	195
38 F 10 h.p.	295
38 C 10 h.p.	305
38 T 10 h.p.	295
39 T 10 h.p.	345
40 T 10 h.p.	378
35 S 12 h.p.	250
36 C 12 h.p.	265

BUGATTI

34 F 2.3-litre	360
37 F 2.3-litre	475
39 S 3.3-litre	1250

BUICK

35 S 28 h.p.	197
36 S 30 h.p.	280
37 S 30 h.p.	395
37 C 30 h.p.	425
38 C 30 h.p.	585
41 S 30 h.p.	650
36 S 31 h.p.	295
36 C 31 h.p.	270
37 S 31 h.p.	465
37 C 31 h.p.	450
38 C 31 h.p.	545
38 S 31 h.p.	598
39 S 31 h.p.	615
40 S 31 h.p.	755
48 C 31 h.p.	2150
36 S 38 h.p.	420
37 L 38 h.p.	650
38 L 38 h.p.	745
39 C 38 h.p.	550
39 S 38 h.p.	595
48 C 38 h.p.	2150
49 S 38 h.p.	3150
46 C Rdmstr	895
47 S Rdmstr	1665
48 S Rdmstr	2000
47 S 51	2850
48 S 51	2925
49 C 51	2875
49 S 51	1995

CADILLAC

39 S V8	1175
47 S 61	2150
49 S 42 h.p.	3750

CHEVROLET

38 C 27 h.p.	575
41 S 29 h.p.	625
37 S 30 h.p.	230
38 S 30 h.p.	375
39 S 30 h.p.	465
39 C 30 h.p.	486
45 S 30 h.p.	745
47 S Fltmstr	950
48 S 30 h.p.	1260
50 S Fleetline	2750

CHRYSLER

38 S 20 h.p.	285
39 S 20 h.p.	475
39 S 22 h.p.	495
36 S 24 h.p.	265
37 S 24 h.p.	335
38 S 24 h.p.	500
39 S 24 h.p.	599
47 S 24 h.p.	1450
38 S 26 h.p.	395
38 S 27 h.p.	395
39 S 27 h.p.	450
38 S 28 h.p.	535
47 S Plymouth	1195
50 S Plymouth	2250

CITROEN

36 S 10 h.p.	135
35 S 12 h.p.	225
36 S 12 h.p.	265
37 S 12 h.p.	325
38 S 12 h.p.	395
38 T 12 h.p.	385
39 S 12 h.p.	420
40 S 12 h.p.	495
37 S 15 h.p.	345
38 S 15 h.p.	490
38 C 15 h.p.	475
39 S 15 h.p.	505
40 T 15 h.p.	535
40 S 15 h.p.	525
45 S 15 h.p.	750
46 S 15 h.p.	800
47 S 15 h.p.	895
48 S 15 h.p.	1000
49 S 15 h.p.	1275
50 S 15 h.p.	1450
49 S 23 h.p.	1595

CONNAUGHT

49 T 1767 cc.	1075

CROSLEY

50 S 6 h.p.	695
49 U 7 h.p.	595

CROSSLEY

37 S 20 h.p.	350

DAIMLER

35 S 15 h.p.	325
36 S 15 h.p.	370
37 S 15 h.p.	475
38 S 15 h.p.	575
37 S 2½-litre	550
38 S 2½-litre	787
39 S 2½-litre	825
39 C 2½-litre	850
40 S 2½-litre	885
46 S 2½-litre	1325
46 C 2½-litre	1150
47 S 2½-litre	1550
48 S 2½-litre	1612
48 C 2½-litre	1662
49 C 2½-litre	1825
49 S 2½-litre	1950
50 C 2½-litre	2062
36 S 20 h.p.	487
36 L 20 h.p.	630
37 S 20 h.p.	575
38 S 20 h.p.	675
39 S 20 h.p.	825
41 S 20 h.p.	850
46 S 20 h.p.	865
36 L 24 h.p.	572
37 L 24 h.p.	805
37 S 24 h.p.	895
38 S 24 h.p.	1150
40 S 24 h.p.	1550
36 C 26 h.p.	535
36 S 26 h.p.	595
35 S 27 h.p.	610
47 S 27 h.p.	2100
47 L 27 h.p.	3150
37 S 3½-litre	775
36 L 32 h.p.	825
38 L 32 h.p.	1750
47 L 36 h.p.	3000
40 S 4-litre	1350

DELAGE

39 S D6-75	775
35 C D8-85	325
38 C 28 h.p.	550

DELAHAYE

38 C 3½-litre	730
38 S 135m	775
38 F 135m	865
46 C 24 h.p.	800

D.K.W.

38 S 7 h.p.	225
40 S 7 h.p.	425
38 S 8 h.p.	225

DODGE

37 S 26 h.p.	355
38 S 26 h.p.	425
40 S 26 h.p.	875
47 S 26 h.p.	1495

FIAT

35 T 500	225
37 C 500	255
37 S 500	275
38 S 500	322
38 C 500	275
39 S 500	395
39 C 500	350
36 T 1100	265
38 S 1100	410
39 S 1100	485
40 S 1100	490
40 C 1100	465
47 C 1100	750
48 S 1100	825
49 S 1100	995
50 C 1100	1205
37 S 1500	330
37 C 1500	300
38 S 1500	355
39 S 1500	475
40 C 1500	595

FORD

35 S 8 h.p.	160
36 S 8 h.p.	235
37 S 8 h.p.	235
38 S 8 h.p.	355
39 S 8 h.p.	370
39 U 8 h.p.	345
40 S 8 h.p.	435
41 U 8 h.p.	425
42 S 8 h.p.	470
46 S Anglia	510
47 S Anglia	547
48 S Anglia	610
49 S Anglia	650
49 U 8 h.p.	445
50 S Anglia	765
35 S 10 h.p.	175
36 S 10 h.p.	240
37 S 10 h.p.	295
38 S 10 h.p.	345
38 F 10 h.p.	250
38 T 10 h.p.	275
39 S Prefect	425
39 F Prefect	410
39 C Prefect	397
45 S Prefect	445
41 S Prefect	445
46 S Prefect	595
47 S Prefect	645
48 S Prefect	717
49 S Prefect	835
50 S Prefect	905
36 S 22 h.p.	265
37 S 22 h.p.	317
39 S 22 h.p.	390
35 F 30 h.p.	195
35 S 30 h.p.	180
36 S 30 h.p.	245
36 C 30 h.p.	275
37 S 30 h.p.	299
37 C 30 h.p.	325
37 U 30 h.p.	360
38 C 30 h.p.	365
38 S 30 h.p.	320
39 S 30 h.p.	395
40 S 30 h.p.	545
47 S Pilot	979
48 S Pilot	1025
49 S Pilot	1095
50 S Pilot	1247

FRAZER NASH

34 T 1½-litre	295
35 T 1½-litre	350
37 S 1½-litre	399

FRAZER NASH B.M.W.

35 C 45	325
35 F 45	325
37 S 45	350
37 F 45	345
37 C 45	375
38 C 45	385
36 C 55	450
36 T 55	395
37 C 55	450
38 S 320	535
39 S 320	590
38 S 321	525
39 C 321	550
38 T 326	785
39 F 326	750
39 T 328	930
40 T 328	1100

GRAHAM

38 S 26 h.p.	190
39 S 26 h.p.	525

HANSA

39 S 1½-litre	325

HEALEY

47 T 2.4-litre	965
47 S 2.4-litre	975
48 T 2.4-litre	1125
48 S 2.4-litre	1250
49 T 2.4-litre	1325
49 S 2.4-litre	1350
49 C 2.4-litre	1350
50 T 2.4-litre	1395

HILLMAN

35 S 10 h.p.	255
36 S 10 h.p.	265
36 C 10 h.p.	295
37 S 10 h.p.	300
37 C 10 h.p.	325
38 S 10 h.p.	375
38 C 10 h.p.	395
39 S 10 h.p.	380
39 C 10 h.p.	390
40 C 10 h.p.	422
40 S 10 h.p.	435
41 S 10 h.p.	447
42 S 10 h.p.	475
45 S 10 h.p.	575
46 S 10 h.p.	650
46 C 10 h.p.	675
47 C 10 h.p.	730
47 S 10 h.p.	875
48 C 10 h.p.	825
48 S 10 h.p.	835
49 C 10 h.p.	837
49 S 10 h.p.	985
50 S 10 h.p.	1075
50 C 10 h.p.	1125
50 U 10 h.p.	975
38 S 14 h.p.	365
39 S 14 h.p.	445
42 S 14 h.p.	525
37 S 16 h.p.	285
37 S 20 h.p.	256
38 L 20 h.p.	545
36 L 21 h.p.	295
37 L 21 h.p.	525
38 L 21 h.p.	595

H.R.G.

47 T 1½-litre	725
45 T 1½-litre	830
49 T 1½-litre	1100

HISPANO-SUIZA

37 C 37 h.p.	750

HOTCHKISS

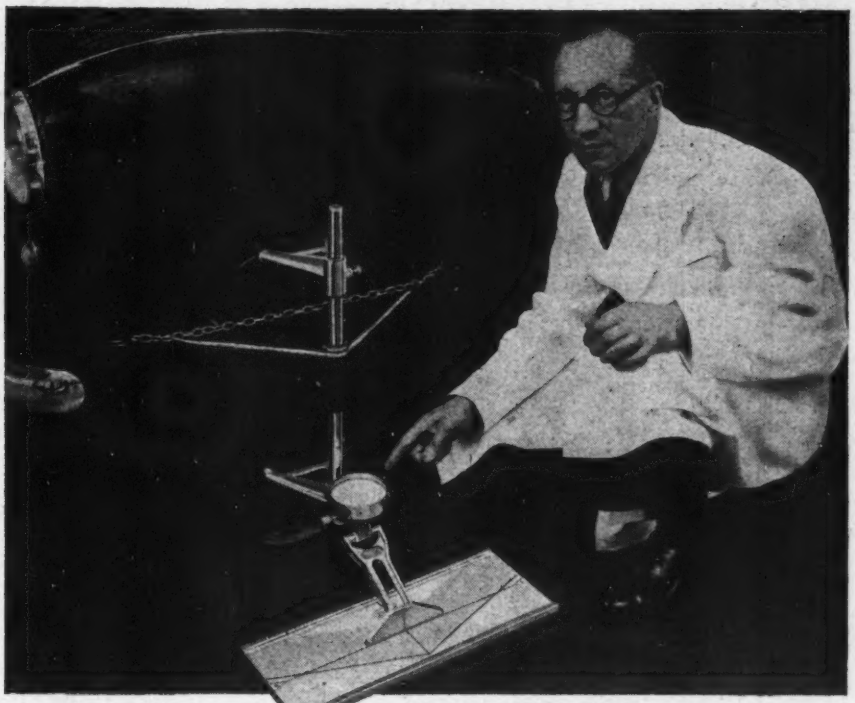
36 C 28 h.p.	650
37 S 3-litre	495

HUDSON

37 C 17 h.p.	255
37 S 17 h.p.	375
38 S 17 h.p.	450
38 C 17 h.p.	365
39 C 17 h.p.	485
39 S 17 h.p.	492
40 S 17 h.p.	525
35 C 22 h.p.	215
36 C 22 h.p.	275
37 S 22 h.p.	332
38 C 22 h.p.	365
38 S 22 h.p.	475
39 S 22 h.p.	495
40 S 22 h.p.	596
37 C 29 h.p.	321
38 S 29 h.p.	400
42 S Com'odore	850
50 S Com'dore	3150

HUMBER

35 S 12 h.p.	185
36 S 12 h.p.	220
37 S 12 h.p.	265
46 S Hawk	825
47 S Hawk	950
48 S Hawk	1120
49 S Hawk	1470
50 S Hawk	1640
38 S 16 h.p.	480
39 S 16 h.p.	522
40 S 16 h.p.	595
36 S 18 h.p.	496
37 S 18 h.p.	575
45 S 18 h.p.	760
46 S 18 h.p.	862
47 S 18 h.p.	995
48 S 18 h.p.	1125
38 S 21 h.p.	445
39 S 21 h.p.	530
35 F Snipe	200
46 S Snipe	795
47 S Snipe	870
48 S Snipe	1295
39 S Imperial	450
40 S Imperial	550
49 S Imperial	1875
50 S Imperial	1960
38 S S.Snipe	440
39 S S.Snipe	480
45 S S.Snipe	795



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"The G. & M.A." Used-Car Market Report—(*continued*).

46 S S.Snipe	880
47 S S.Snipe	935
48 S S.Snipe	1175
49 S S.Snipe	1395
50 S S.Snipe	1875
36 L Pullman	445
37 L Pullman	595
39 L Pullman	695
46 L Pullman	1122
47 L Pullman	1252
48 L Pullman	1340
48 S Pullman	1325
49 L Pullman	1562
50 L Pullman	1795

JAGUAR

36 S 12 h.p.	259
37 S 1½-litre	445
38 S 1½-litre	545
39 F 1½-litre	550
39 C 1½-litre	587
39 S 1½-litre	545
40 S 1½-litre	675
40 C 1½-litre	585
45 S 1½-litre	895
46 S 1½-litre	935
47 S 1½-litre	962
48 S 1½-litre	1150
49 S 1½-litre	1350
35 S 2½-litre	260
36 S 2½-litre	295
37 S 2½-litre	370
37 T 2½-litre	458
38 S 2½-litre	495
38 C 2½-litre	495
39 S 2½-litre	550
39 C 2½-litre	535
46 S 2½-litre	950
47 S 2½-litre	1130
48 S 2½-litre	1345
49 S Mk V	1930
50 S Mk V	2125
38 T 3½/100	575
38 S 3½-litre	550
38 C 3½-litre	495
39 C 3½-litre	610
39 S 3½-litre	600
38 T 3½/100	575
39 T 3½/100	665
40 S 3½-litre	735
46 S 3½-litre	925
47 S 3½-litre	1122
48 C 3½-litre	1317
48 S 3½-litre	1387
49 S 3½-litre	1772
49 S Mk V	1987
50 S Mk V	2175

JENSEN

38 C 3½-litre	500

JOWETT

35 S 8 h.p.	195
37 S 8 h.p.	210
38 S 8 h.p.	300
39 S 8 h.p.	345
36 S 10 h.p.	255
38 S 10 h.p.	335
39 S 10 h.p.	360

JOWETT JAVELIN

48 S 1½-litre	1060
49 S 1½-litre	1137
50 S 1½-litre	1295

LAGONDA

34 C 10 h.p.	180
35 C 10 h.p.	265
36 F 10 h.p.	300
29 S 2-litre	120
32 F 2-litre	325
35 S 16-80 h.p.	420
50 S 2½-litre	3450
34 S 4½-litre	395
34 C 4½-litre	395
35 S 4½-litre	457
36 C 4½-litre	600
36 S 4½-litre	630
37 C 4½-litre	700
37 S 4½-litre	825
38 S V12	1450
39 S V12	1595
40 S V12	1650

LANCHESTER

36 S 10 h.p.	250
38 S 10 h.p.	365
39 S 10 h.p.	455
46 S 10 h.p.	825
47 S 10 h.p.	895
48 S 10 h.p.	995
36 S 11 h.p.	235
37 S 11 h.p.	325
38 S 11 h.p.	375
39 S 11 h.p.	540
35 S 12 h.p.	295
36 S 12 h.p.	325
37 S 14 h.p.	495
38 S 14 h.p.	562
39 S 14 h.p.	685
35 S 18 h.p.	500
39 S 18 h.p.	795
36 S 20 h.p.	250

LANCIA

35 S Augusta	325
36 S Augusta	385
37 S Aprilia	535
38 S Aprilia	575
39 S Aprilia	680
47 S Aprilia	1450
39 S Astura	1050

LEA-FRANCIS

46 U 14 h.p.	645
46 S 14 h.p.	700
47 S 14 h.p.	840
48 S 14 h.p.	998
48 T 14 h.p.	1095
49 S 14 h.p.	1350
50 S 14 h.p.	1565
49 S 2½-litre	1650
50 T 2½-litre	1725

LINCOLN

39 S Zephyr	500
46 S 40	1595

LLOYD

48 T 650	370
49 T 650	430

MERCEDES-BENZ

38 T 14 h.p.	525
39 T 14 h.p.	675
36 C 16 h.p.	425
38 S 20 h.p.	495
38 L 20 h.p.	600
39 C 20 h.p.	820
37 C 540K	1250
39 C 38 h.p.	1275
39 S 38 h.p.	1500

MORGAN

37 T 4/4	360
38 T 4/4	365
39 T 4/4	390
39 C 4/4	425
47 C 4/4	600
48 C 4/4	715
49 T 4/4	750
50 T 4/4	895

M.G.

34 T Midget J2	275
34 T Midget J4	275
34 F Midget P	225
34 T Midget PA	277
35 T Midget P	275
36 T Midget P	310
36 C Midget PB	315
36 T Midget PB	310
37 T Midget T	425
38 T Midget TA	435
39 T Midget TA	495
39 C Midget TA	495
39 T Midget PB	520
39 C Midget TB	465
40 T Midget TB	545
46 T Midget TC	645
47 T Midget TC	679
48 T Midget TC	740
49 T Midget TC	822
50 T Mi'get TD	1125
47 S 1½-litre	925
48 S 1½-litre	1112
49 S 1½-litre	1212
50 S 1½-litre	1295
35 S Magnette	255
35 T Magnette	235
35 T Mag'te ND	345
35 F Mag'te N	255
35 T Mag'te N	245
36 F Mag'te N	275
35 S Mag'te KN	225
36 S Mag'te KN	295
37 F 1½-litre	425
37 C 1½-litre	400
38 S 1½-litre	525
38 F 1½-litre	480
38 C 1½-litre	485
39 S 1½-litre	595
39 F 1½-litre	600
39 C 1½-litre	550
40 S 1½-litre	620
40 F 1½-litre	582
36 C 2-litre	322
37 S 2-litre	362
37 C 2-litre	385
38 C 2-litre	510
38 S 2-litre	495
39 S 2-litre	585
39 C 2-litre	520
40 C 2-litre	695
39 S 2.6-litre	575
39 C 2.6-litre	599
40 S 2.6-litre	595
40 C 2.6-litre	645

MORRIS

35 F 8 h.p.	150
35 S 8 h.p.	199
36 S 8 h.p.	232
36 F 8 h.p.	260
36 T 8 h.p.	175
37 F 8 h.p.	245
37 T 8 h.p.	275
37 S 8 h.p.	250
38 T 8 h.p.	295
38 F 8 h.p.	267
38 S 8 h.p.	320
39 S 8 h.p.	425
39 F 8 h.p.	390
39 T 8 h.p.	385
40 F 8 h.p.	375
40 S 8 h.p.	425
46 S 8 h.p.	531
47 S 8 h.p.	625
48 S 8 h.p.	662
49 S Minor	825
49 F Minor	735
50 F Minor	800
50 S Minor	890
35 S 10 h.p.	215
36 S 10 h.p.	285
37 S 10 h.p.	315
38 S 10 h.p.	380
39 S 10 h.p.	395
40 S 10 h.p.	425
45 S 10 h.p.	495
46 S 10 h.p.	625
47 S 10 h.p.	692
48 S 10 h.p.	785
35 S 12 h.p.	115
35 T 12 h.p.	135
36 S 12 h.p.	195
36 C 12 h.p.	260
37 S 12 h.p.	342
38 S 12 h.p.	385
38 C 12 h.p.	375
39 S 12 h.p.	455
40 S 12 h.p.	495
36 S 14 h.p.	260
37 S 14 h.p.	295
38 S 14 h.p.	365
39 S 14 h.p.	440
48 S Oxford	785
49 S Oxford	1035
50 S Oxford	1145
35 S 18 h.p.	150
36 S 18 h.p.	200
37 S 18 h.p.	235
49 S Six	1105
50 S Six	1275
37 S 25 h.p.	215
38 S 25 h.p.	265
39 S 25 h.p.	292

NASH

46 S 23 h.p.	1275
39 C Amb'sador	375

OLDSMOBILE

36 S 6-cyl	325
47 S 8-cyl	1575

OPEL

37 C 12 h.p.	150
37 S 12 h.p.	195
38 S 12 h.p.	205
39 S 12 h.p.	265
37 S 17 h.p.	120
37 C 24 h.p.	195

PACKARD

36 C 26 h.p.	290
35 C 27 h.p.	270
36 S 27 h.p.	335
37 S 27 h.p.	325
38 C 30 h.p.	495
38 S 30 h.p.	575
39 S 30 h.p.	785
36 S 33 h.p.	380
37 S 33 h.p.	425
38 C 33 h.p.	550
38 S 33 h.p.	625
37 S 34 h.p.	700
47 S Clipper	2175
48 S Clipper	3500

PEUGEOT

48 S 202	800
40 S 17 h.p.	425
40 S 402B	440

PONTIAC

40 S 28 h.p.	525
37 C 29 h.p.	280
40 S 29 h.p.	575

RAILTON

39 C 10 h.p.	599
39 S 22 h.p.	595
36 T 28 h.p.	195
36 S 28 h.p.	225
36 C 28 h.p.	325
37 S 28 hp.	275
38 S 28 h.p.	395
38 F 28 h.p.	550
38 S 29 h.p.	568
35 F 30 h.p.	395
37 S 30 h.p.	590

RENAULT

49 S 760 c.c.	765
50 S 760 c.c.	875
39 S 8 h.p.	345
39 S 9 h.p.	400
48 S 9 h.p.	535
49 S 9 h.p.	695
35 S 12 h.p.	245
37 S 12 h.p.	285
38 C 12 h.p.	295
38 S 12 h.p.	255
39 S 12 h.p.	350
39 C 12 h.p.	295
40 S 12 h.p.	385
36 S 14 h.p.	110
39 S 17 h.p.	315
36 C 18 h.p.	200
37 S 18 h.p.	295
38 C 18 h.p.	265
39 S 18 h.p.	325
39 S 26 h.p.	350

RILEY

35 S 9 h.p.	265
35 F 9 h.p.	235
36 S 9 h.p.	335
37 S 9 h.p.	365
38 S 9 h.p.	380
35 S 12 h.p.	285
36 S 12 h.p.	340
36 T 12 h.p.	510
37 F 12 h.p.	475
37 S 12 h.p.	500
38 S 12 h.p.	562
38 T 12 h.p.	567
39 F 12 h.p.	620
39 S 12 h.p.	595
40 S 12 h.p.	625
46 S 1½-litre	995
47 S 1½-litre	1007
48 S 1½-litre	1150
48 C 1½-litre	1195
49 S 1½-litre	1425
50 S 1½-litre	1585
37 S 14 h.p.	295
35 S 15 h.p.	250
37 S 15 h.p.	485
38 S 16 h.p.	560
40 S 16 h.p.	725
46 S 2½-litre	1195
47 S 2½-litre	1275
48 S 2½-litre	1332

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Tel.: Dundee 2117/8

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Tel.: Central 3177/8

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C. H. Denning (Tyres) Ltd.
Tel.: Epping 2259

GLASGOW
Tyre Economy Ltd.
Tel.: Halfway 1634/5

GODALMING
Dudfield Motors Ltd.
Tel.: Godalming 1014/5

GOSPORT
Dudfield Motors Ltd.
Tel. Gosport 99285

GRANTHAM
North Ro. Tyresoles (Services) Ltd.
Tel.: Great Ponton 251/2

GRAYS
Bugeley Tyre Service
Tel. Tilbury 4466

HULL
K. P. Tyre Services Ltd.
Tel. Hull 32330

IPSWICH
Bussey & Sakberton Bros. Ltd.
Tel.: Ipswich 4110

LEEDS
Tyresoles Depot (Leeds) Ltd.
Tel.: Leeds 39231/2

LIVERPOOL
Sandon Motor & Eng. Co. Ltd.
Tel. Royal 3037

LONDON
Tyresoles Ltd.
Tel.: Wembley 1222 (10 lines)

LYDNEY
Wates (Factors) Ltd.
Tel.: Lydney 286

MANCHESTER
Tyresoles Ltd.
Tel.: Heaton Moor 3232

NEATH
Wates (Factors) Ltd.
Tel.: Skewen 3181

NEWCASTLE
Gales Motor & Eng. Co Ltd.
Tel.: Newcastle 25010

NEWTON ABBOT
Hewing Service (Devon) Ltd.
Tel.: Newton Abbot 223

NORWICH
Bussey & Sakberton Bros. Ltd.
Tel.: Norwich 24162

NOTTINGHAM
A. H. Eaton (Tyresoles) Ltd.
Tel.: Nottingham 47071/2

SHEFFIELD
G. K. Tyre Services
Tel.: Sheffield 26401

STOKE-ON-TRENT
The Hanley Motor Co. Ltd.
Tel.: Stoke 84215/6

SWINDON
Hill's Tyre Service Ltd.
Tel.: Swindon 2211

WELLINGBOROUGH
Tyresoles Services (E.M.) Ltd.
Tel.: Wellingborough 2211

WEST HARTLEPOOL
Gales Motor & Eng. Co. Ltd.
Tel.: Hartlepool 1138/7

Write for price lists and full details to your nearest "TYRESOLES" factory or to:

TYRESOLES LTD., PALACE OF ENGINEERING, WEMBLEY, MIDDX.

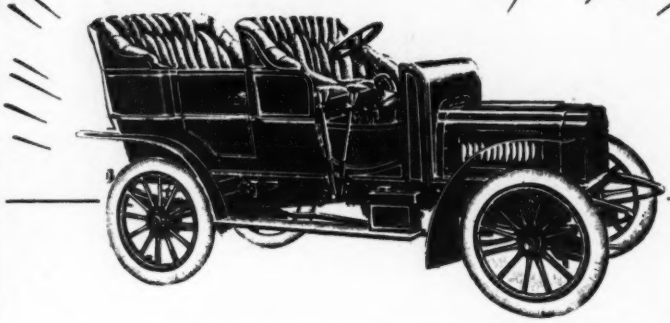
Telephone WEMbley 1222 (10 lines)

A NATION-WIDE SER

SERVICE
BEFORE
AFTER
TYRESOLES
37 FACTORIES
IN GREAT BRITAIN
MOTOR SHOW - EARLS COURT
AVENUE P
STAND No. 471
VICE from

MOTOR SHOW · OCTOBER 17TH - 27TH

Kerry's



This was the Kerry Light Motor Car introduced in 1906 to the intrepid few who delighted in paying 210 gns. for the pleasure and comfort of bowling leisurely but merrily along in its roomy, upholstered body.
(*Brass bound footboards and back entrance extra, of course*)

This WILL NOT be on display . . .

BUT—

The Latest Accessories and Equipment WILL BE ON THE KERRY STANDS

256 ACCESSORIES

508 EQUIPMENT

Kerry's
(GREAT BRITAIN) LTD.

THE LEADING DISTRIBUTORS TO THE MOTOR TRADE SINCE 1877

WARTON ROAD, STRATFORD, LONDON, E.15

PHONE: MARYLAND 6611

"The G. & M.A." Used-Car Market Report—(*continued*).

49 S 2½-litre	1675
49 T 2½-litre	1525
50 T 2½-litre	1675
50 S 2½-litre	1775

ROLLS-ROYCE

27 L 20	475
28 L 20	340
28 S 20	425
30 S 20/25	525
30 L 20/25	595
31 L 20/25	595
32 S 20/25	500
32 L 20/25	620
33 S 20/25	1200
34 F 20/25	1375
34 S 20/25	1375
34 L 20/25	935
35 S 20/25	1250
35 L 20/25	1595
35 L 25/30	1350
36 L 25/30	1550
36 S 25/30	1650
37 S 25/30	1995
37 L 25/30	1895
38 S 25/30	2200
38 L 25/30	2450
39 L Wraith	2690
39 S Wraith	2850
48 S S. Wraith	4250
49 C S. Wraith	5750
49 S S. Wraith	4350
49 L S. Wraith	5500
29 L Ph. I	340
31 S Ph. II	650
32 S Ph. II	595
33 S Ph. II	812
34 S Ph. II	875
34 C Ph. II	625
35 L Ph. II	1350
36 L Ph. III	1950
37 S Ph. III	1880
37 L Ph. III	2000
38 S Ph. III	1595
38 L Ph. III	2450

ROVER

35 S 10 h.p.	295
36 S 10 h.p.	345
37 S 10 h.p.	445
38 S 10 h.p	475
39 S 10 h.p.	680
40 S 10 h.p.	715
46 S 10 h.p.	942
47 S 10 h.p.	1025
48 S 10 h.p.	1065
36 S 12 h.p.	325
37 S 12 h.p.	450
38 S 12 h.p.	565
39 S 12 h.p.	600
40 S 12 h.p.	695
46 S 12 h.p.	987
47 S 12 h.p.	1222
47 F 12 h.p.	1035
48 S 12 h.p.	1295
48 S 60	1425
49 S 60	1525
36 S 14 h.p.	275
37 S 14 h.p.	412
38 S 14 h.p.	595
39 S 14 h.p.	695
40 S 14 h.p.	725
46 S 14 h.p.	1050
47 S 14 h.p.	1145
37 S 16 h.p.	995
38 S 16 h.p.	600
39 S 16 h.p.	745
40 S 16 h.p.	795
46 S 16 h.p.	1075
47 S 16 h.p.	1285
48 S 16 h.p.	1350
48 S 75	1562
49 S 75	1795
50 S 75	2325
37 S 20 h.p.	475
38 S 20 h.p.	595
39 S 20 h.p.	775

LAND-ROVER

49 F	525

S.S.

36 S 12	159
36 S 2½-litre	159
35 T 90	265

SINGER

36 S 9 h.p.	205
36 T 9 h.p.	295
37 S 9 h.p.	285
38 S 9 h.p.	337
39 S 9 h.p.	347
39 F 9 h.p.	325
46 F 9 h.p.	475
47 F 9 h.p.	575
48 F 9 h.p.	650
38 S 10 h.p.	360
39 S 10 h.p.	435
46 S 10 h.p.	495
47 S 10 h.p.	595
48 S 10 h.p.	662
49 S 10 h.p.	746
37 S 12 h.p.	175
38 S 12 h.p.	269
39 F 12 h.p.	325
48 S 12 h.p.	736
49 S 12 h.p.	855
36 T 1½-litre	310
49 S SM 1500	1087
50 S SM 1500	1175

STANDARD

38 S 8 h.p.	305
39 S 8 h.p.	345
40 S 8 h.p.	380
45 S 8 h.p.	450
46 S 8 h.p.	457
46 F 8 h.p.	450
47 S 8 h.p.	550
47 C 8 h.p.	585
48 S 8 h.p.	622
49 S 8 h.p.	650
36 S 9 h.p.	225
37 S 9 h.p.	275
38 S 9 h.p.	295
39 S 9 h.p.	375
40 S 9 h.p.	445
36 S 10 h.p.	247
37 S 10 h.p.	275
38 S 10 h.p.	295
39 S 10 h.p.	380
41 S 10 h.p.	435
36 S 12 h.p.	237
37 S 12 h.p.	300
38 S 12 h.p.	365
39 S 12 h.p.	440
39 C 12 h.p.	450
46 S 12 h.p.	669
47 S 12 h.p.	725
48 S 12 h.p.	850
48 C 12 h.p.	825
37 S 14 h.p.	249
38 S 14 h.p.	395
39 S 14 h.p.	420
46 S 14 h.p.	725
47 S 14 h.p.	765
48 S 14 h.p.	800
49 S 14 h.p.	950
36 S 16 h.p.	320
48 S Vanguard	1100
49 U Vanguard	675
49 S Vanguard	1075
50 S Vanguard	1250
37 S 20 h.p.	285
38 S 20 h.p.	325
40 S 20 h.p.	500

STUDEBAKER

41 S 20 h.p.	450
48 S 20 h.p.	1800
39 S 22 h.p.	395
40 S 22 h.p.	455
41 S 22 h.p.	650
47 S 22 h.p.	1295
48 S 22 h.p.	1900
36 S 25 h.p.	190
36 S 26 h.p.	210
38 S 26 h.p.	385
39 S 26 h.p.	450
41 S 26 h.p.	617
37 S 30 h.p.	120
39 S C'mander	775
47 S C'mander	1500
48 S C'mander	2460
50 S C'mander	3450

SUNBEAM-TALBOT

38 S 10 h.p.	445
39 C 10 h.p.	570
39 S 10 h.p.	595
40 S 10 h.p.	665
46 S 10 h.p.	725
47 S 10 h.p.	795
48 S 10 h.p.	850
48 F 10 h.p.	895
49 S 80	1175
50 S 80	1310
50 C 80	1300
40 S 2-litre	535
40 C 2-litre	585
46 S 2-litre	915
47 S 2-litre	985
47 C 2-litre	1100
47 T 2-litre	925
47 F 2-litre	995
48 S 2-litre	925
48 S 90	1295
49 S 90	1280
49 C 90	1300
50 S 90	1395
50 C 90	1297
39 S 3-litre	550
39 S 4-litre	565
40 S 4-litre	625

TALBOT

36 S 10 h.p.	295
37 S 10 h.p.	345
38 S 10 h.p.	450
38 C 10 h.p.	415
36 C 14 h.p.	175
36 S 75	235
36 S 21 h.p.	325
37 S 21 h.p	380
36 S 105	300
37 S 105	355
35 S 110	550
36 T 110	615
38 S 3-litre	550
37 S 3½-litre	400
38 S 3½-litre	475

TRIUMPH

36 S 10.8 h.p.	245
39 S 11 h.p.	375
35 S 12 h.p.	255
37 S 12 h.p.	325
38 S 12 h.p.	370
39 C 12 h.p.	475
38 S 1½-litre	345
39 S 1½-litre	425
37 S 14/60	350
37 F 14 h.p.	375
38 S 14/60	400
38 T 14 h.p.	485
39 S 14 h.p.	490
39 C 14 h.p.	595
40 S 14 h.p.	610
46 T 1800	790
46 S 1800	850
47 S 1800	981
47 T Roadster	955
48 S 1800	1042
48 T Roadster	937
49 T Roadster	1095
49 S 1800	1305
36 S 16 h.p.	250
36 C 16 h.p.	275
37 S 16 h.p.	295
38 S 16 h.p.	365
39 S 16 h.p.	525
49 S Renown	1395
49 T 2000	1095
50 S Renown	1550

VAUXHALL

38 S 10 h.p.	395
38 C 10 h.p.	345
39 S 10 h.p.	430
39 C 10 h.p.	395
40 S 10 h.p.	485
46 S 10 h.p.	660
47 S 10 h.p.	699
48 S 10 h.p.	725
49 S 10 h.p.	735
35 S 12 h.p.	207
35 F 12 h.p.	275
36 S 12 h.p.	280
37 S 12 h.p.	325
38 S 12 h.p.	375
39 S 12 h.p.	460
40 S 12 h.p.	515
46 S 12 h.p.	675
47 S 12 h.p.	725
48 S 12 h.p.	790
48 S Wyvern	835
49 S Wyvern	987
50 S Wyvern	1087
35 C 14 h.p.	170
35 S 14 h.p.	210
36 S 14 h.p.	268
36 C 14 h.p.	288
37 S 14 h.p.	315
37 C 14 h.p.	330
38 S 14 h.p.	358
39 S 14 h.p.	490
46 S 14 h.p.	695
47 S 14 h.p.	800
48 S 14 h.p.	895
48 S Velox	980
49 S Velox	1030
50 S Velox	1195
35 S 20 h.p.	140
36 S 25 h.p.	220
37 S 25 h.p.	295
38 L 25 h.p.	335
38 S 25 h.p.	385
39 S 25 h.p.	400

VOLKSWAGEN

47 S 11 h.p.	345
48 S 11 h.p.	425
49 S 11 h.p.	500

WILLYS

36 S 16 h.p.	269

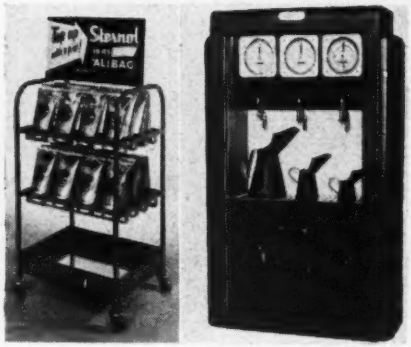
WOLSELEY

46 S 8 h.p.	575
47 S 8 h.p.	650
48 S 8 h.p.	695
36 S 10 h.p.	220
37 S 10 h.p.	340
39 S 10 h.p.	485
46 S 10 h.p.	635
47 S 10 h.p.	655
48 S 10 h.p.	745
36 S 12 h.p.	275
37 S 12 h.p.	365
38 S 12 h.p	398
39 S 12 h.p.	575
40 S 12 h.p.	595
41 S 12 h.p.	631
47 S 12 h.p.	810
36 S 14 h.p.	310
37 S 14 h.p.	365
38 S 14 h.p.	410
39 S 14 h.p.	595
46 S 14 h.p.	725
47 S 14 h.p.	817
48 S 14 h.p.	950
37 S 16 h.p.	400
48 S 4/50	1050
49 S 4/50	1150
50 S 4/50	1275
38 S 16 h.p.	565
40 S 16 h.p.	625
37 S 18 h.p.	345
38 S 18 h.p.	395
39 S 18 h.p.	585
40 S 18 h.p	650
46 S 18 h.p.	750
47 S 18 h.p.	855
48 S 18 h.p.	975
49 S 6/80	1290
50 S 6/80	1475
36 S 21 h.p.	268
38 S 21 h.p.	425
38 L 21 h.p.	645
39 S 21 h.p.	495
40 S 21 h.p.	510
36 S 25 h.p.	245
37 S 25 h.p.	400
38 S 25 h.p.	475
38 L 25 h.p.	595
39 S 25 h.p.	625

Part 2 of "The Garage and Motor Agent"

THE LONDON

Earls Court,



Left: Sternol stockist's dispenser (Stand 253); right: new Wakefield quick-serve oil bar (Stand 504).

THIS is a business-man's guide designed exhibits in the Transport Service Equip Section and in others of trade interest. record for

Garage

476. **ABINGDON KING DICK, LTD.**, King's Road, Tyseley, Birmingham, 11. Abingdon, Tyseley, Birmingham; Acocks Green 2881.

King Dick hand tools, socket wrenches, spanners, servicemen's tool kits, and kindred special equipment for garages and workshops.

New.—Tractor serviceman's comprehensive tool kits.

Sales Manager, **A. Mortimer.** In attendance, **E. G. Cook, A. Goad, K. O. Joy,** and others.

459. **AIR INDUSTRIAL DEVELOPMENTS, LTD.**, 28, South Molton Street, London, W.1. Mayfair 6318. Aidspray Works, Shenstone, near Lichfield, Staffs. Aidspray, Lichfield; Shenstone 341.

Spray painting equipment, including compressors, guns, and other allied tools, also engine starters, windscreen cleaners.

Sales Manager, **H. Wardman.** In attendance, **P. D. Farquharson, L. W. Matthews, D. G. Skinner,** and others.

518. **ANCO (POTTERIES), LTD.**, Copeland Street, Stoke-on-Trent. Anco, Stoke; Stoke-on-Trent 48661.

Factor's general exhibit of proprietary accessories, tools, fittings and supplies by leading manufacturers.

Sales Manager, **G. A. Mather.** In attendance, **H. J. Burns** (Managing Director), **J. Daley, J. Eaton, A. F. Morris,** and others.

486. **ARMATURE MANUFACTURING CO.**, Middleton Road, Chadderton, Oldham, Lancs. Armatures, Oldham; Oldham Main 1767.

Octopus electrical workshop plant, test drop and coil testers, growlers, magnetisers, replacement armatures, puller presses, extractors, screwdrivers and other tools.

520. **AUTOMOTIVE PARTS AND ACCESSORIES**, Bowes House, Battle Road, Hailsham, Sussex. Motoparac, Hailsham; Hailsham 340.

Tyre-repairing tools, kits and outfits for Bowes Seal-Fast process; radiator flushing

GUIDE INDEX

Garage Equipment	122-133
General Accessories	133-139
Chassis Components	139-149
Coachbuilders' Supplies	149-152
Electrical Equipment	152-157
Tyres and Rubber Products	157-158
Oils and Greases	158
Finance & Insurance	160
Press	160
Associations	160

To-the-Point Trade Guide to

MOTOR SHOW

Oct. 17th-27th

to give a rapid and concise preview of the ment Section, the Accessory and Component These pages should be preserved as a valuable future reference.

Equipment

and repair compounds, also enamels, polishes and kindred special products.

449. **AUTO TYRE SERVICES, LTD.,** Basingstoke, Hants. Tyres, Basingstoke; Basingstoke 404.

Blue Peter loose matrix multiple tyre retreading machine, Air-steam retreadable repair bag.

New.—Both above-mentioned exhibits.

London Manager, **R. H. Williams**; Southern Manager, **H. J. de Keyser**; Northern Manager, **W. Mills.**

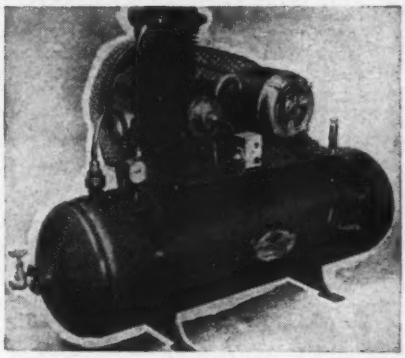
514. **AVERY-HARDOLL, LTD.,** Oakcroft Road, Tolworth, Surbiton, Surrey. Hardolpump, Phone, London; Elmbridge 6635.

Avery-Hardoll electric metering petrol pumps, in various models.

TIMES AND PRICES

The Motor Show is open daily from 10 a.m. to 9 p.m., and prices of admission are as follows :—

Wednesday, October 17th, 10s. up to 5 p.m., then 2s. 6d. Thursday and Friday, October 18th and 19th, and Monday to Friday, October 22nd to 26th, 5s. before 5 p.m. and 2s. 6d. after 5 p.m. Saturdays, October 20th and October 27th, 2s. 6d. all day.



Burtonwood model 2S.14.G3 two-stage compressor (Stand 464).

New.—Oil dispensing equipment.

Sales Manager, **R. F. A. Williams.** In attendance, **L. Carroll, J. Harris.**

515. **BARRUS, E. P. (CONCESSIONAIRES), LTD.,** Brunel Road, Acton, London, W.3. Engtools, Wesphone, London; Shepherd's Bush 3425.

Plant and general equipment, e.g., cylinder and crank grinders, presses, hoists, compressors, chargers, lubrication outfits, pneumatic, electric and hydraulic tools, wrenches, brake tools, pullers, extractors, welding sets, panel beaters, polishers, sanders, brake tools, hand tools, and other requisites.

Johnson outboard motors.

532. **BECK AND CO. (METERS), LTD.,** Lilian Road, Streatham Vale, London, S.W.16. Hydrant, Streath, London; Pollards 5201.

Beckmeter pre-set, computor and clock type petrol pumps and oil dispensers, various accessories.

New.—Model O.D.M.4 lubricating oil dispenser.

Sales Manager, **C. W. S. Collins.**

502. **BENJAMIN ELECTRIC, LTD.,** Brantwood Road, Tottenham, London, N.17.

GARAGE EQUIPMENT

Benjalect, Southtot, London; Tottenham 5252.

Crysteel vitreous-enamelled lighting reflectors for garages, workshops, showrooms, car parks, and the like, together with Duoflux floodlights, fluorescent lighting equipment, and associated products.

New.—Crysteel type K. K. Flurolier with 4ft. 40-watt lamp.

Director and General Sales Manager, **A. E. Iliffe.** In attendance, **C. H. Pellow, D. Broder, R. Cotton, C. W. Embers,** and others.

479. **B.E.N. PATENTS, LTD.,** Hughenden Avenue, High Wycombe, Bucks. Tooinwun, High Wycombe; High Wycombe 1630.

Automatic single and two-stage compressors, Pneuflator portable tyre inflators, D.A.U. tyre inflation and spray painting unit, air meters, spray guns, containers and fittings, spray painting outfits in various models, and kindred exhibits.

485. **BLACK AND DECKER, LTD.,** Harmondsworth, Middx. Blacdeck, West Drayton; West Drayton 2681.

Portable electric tools and equipment, such as valve grinders, sanders, polishers, shears, drills, saws, screwdrivers, micrometer valve spindle, tappet and rocker grinding attachments, bench grinders, and other specialised products.

New.—Handy utility sander/polisher.

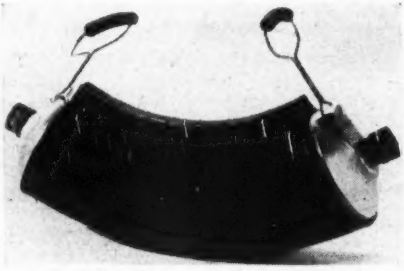
Sales Manager, **M. W. Boyce.** In attendance, **F. A. Field, H. F. Greenfield, J. P. Jamison, W. B. Paterson,** and others.

512 **BRADBURY, JOSEPH, AND SONS, LTD.,** New Street Works, Braintree, Essex. Bradbury, Braintree; Braintree 623.

Bradbury brake turning, grinding and relining machines, wheel balancers and aligners, hydraulic jacks, hoists, engine and axle stands, presses, panel beaters, frame straighteners, service tools, garage inspection lights, and other kindred equipment.

New.—Hydro-electric 4-post lift.

Sales Manager, **F. K. Elkington.** In attendance, **H. E. Doran, C. J. Tuffs.**

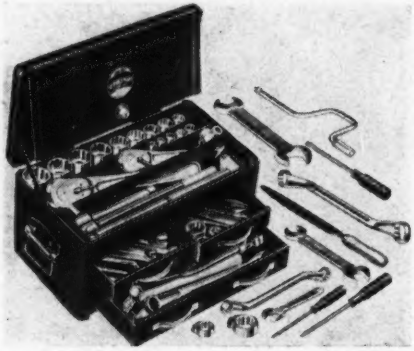


Blue Peter air-steam repair bag (Stand 449).

487. **BRISTOL PNEUMATIC TOOLS, LTD.,** Causeway Works, Fishponds, Bristol. Percussion, Bristol; Bristol 53264.

Portable tyre inflators, in various models, compressor plants, paint spraying equipment and the like.

Sales Manager, **H. C. Harries.** In attendance, **W. B. K. Battey, W. Horton, L. C. Jenkins,** and others.



Abingdon King Dick tractor servicing kit (Stand 476).

461. **BRITISH EXTRACTING TOOL CO., LTD.,** 226, Whitehorse Road, Croydon, Surrey. Betco, Croydon; Thornton Heath 2181.

Betco hub and sprocket pullers, ballrace extractors, steering wheel pullers, hydraulic kingpin pressing sets, pin extracting sets, stud extractors, hydraulic bench, hand and stand presses.

New.—Light and medium duty pulley removers.

Sales Manager, **C. M. Fairweather.** In attendance, **A. W. Woodward, C. G. Young,** and others.

521. **BRITISH OXYGEN CO., LTD.,** North Circular Road, London, N.W.2. Bridgewater House, Cleveland Row, St. James's, London, S.W.1. Britoxygen, Piccy, London; Whitehall 9777.

Argonarc welding system, oxy-acetylene cutting and welding sets.

New.—Cutogens, No. 3 and 5 models; recently-introduced equipment for Argonarc process.

Sell ENGINE SAFETY this winter

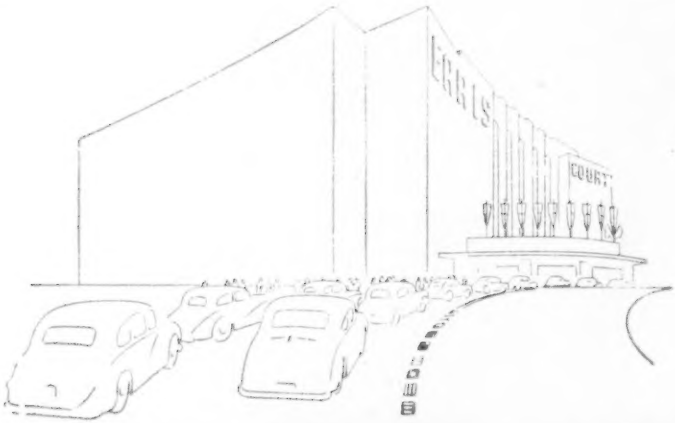
MAKE EXTRA PROFITS this winter by stocking, displaying and SELLING Esso Anti-Freeze, a pure inhibited Ethylene glycol. *Order Now* and be ready for winter weather when this widely advertised product will be a sure seller. Retail price per gallon 68/-.

TRADE TERMS: *Ask your local Esso representative for details of trade terms or write to Esso Petroleum Co., Ltd., 36 Queen Anne's Gate, London, S.W.1.*

It pays to say

Esso ANTI-FREEZE

ESSO PETROLEUM COMPANY, LIMITED, 36 QUEEN ANNE'S GATE, LONDON, S.W.1



AT THE MOTOR SHOW

This year on our Stand we shall feature the Schrader tyre gauge, demonstrating its lasting accuracy and emphasising the important part which pressure testing plays in increasing the life of tyres. We welcome the trader and the motorist.

Schrader

STAND 348

A. SCHRADER'S SON · BIRMINGHAM · ENGLAND

GARAGE EQUIPMENT

482. **BROWN BROTHERS, LTD.,** 22-34, Great Eastern Street, London, E.C.2. Imbrowned, Ave, London; Bishopsgate 7654.

Comprehensive display of general garage and workshop equipment, materials, plant and supplies, including machine and hand tools, components, accessories and fittings, Chass-O-Meter wheel aligners, Weaver wheel balancer, and a large variety of other proprietary productions.

Sales Manager, **G. Tiffen.**

489. **BUCK AND HICKMAN, LTD.,** 2-8, Whitechapel Road, London, E.1. Roebuck, Edo, London; Bishopsgate 7676.

Branded British and American plant and tools, including panel beaters, boring machines, compressors, sprayers, guns, battery chargers, Roebuck wrenches, spanners and other tools.

New.—Storm boring bars, Williams socket wrenches and spanners, hydraulic spring tester, con-rod aligner and straightening press, Lushington spring spreader for Ford cars.

Sales Manager, **G. J. Beesley.** In attendance, **F. Hawley, C. Lawrence,** and others.

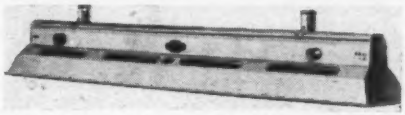
519. **BUMA ENGINEERING CO., LTD.,** Robson Street, Newcastle-on-Tyne, 6. Buma, 'Phone, Newcastle; Newcastle 56169.

Buma cylinder boring and polishing machines, overhead master in-line boring machine, con-rod aligners, oilway cutting machines, shell bearing borers, valve reseating tools and equipment, liner drawbars, stud extractors, motor cycle cylinder stands, grit traps, and engine reconditioning equipment.

Sales Manager, **W. Malia.** In attendance, **T. Holmes.**

464. **BURTONWOOD ENGINEERING CO., LTD.,** Phipps Lane, Burtonwood, Warrington, Lancs. Beemee, Warrington; Newton-le-Willows 3311.

Portable and stationary compressors, hydraulic jacks, axle stands, K.B. boring bars, grinders, oil seals, tyre inflators, spraying equipment, and other tools.



New Benjamin type KK flurolier trough reflector (Stand 502).

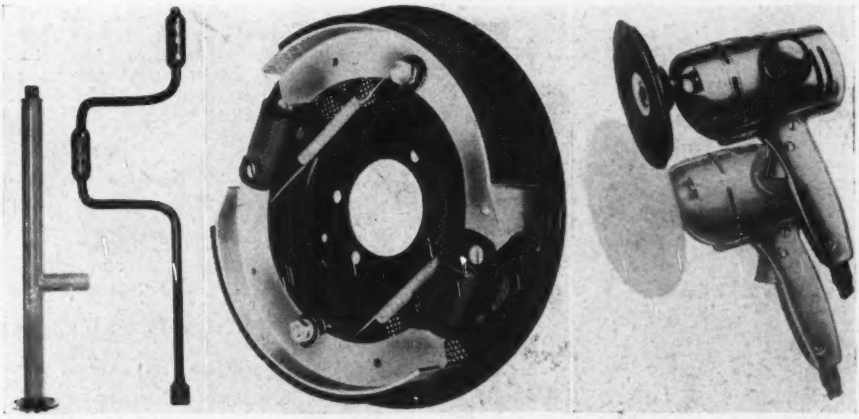
New.—Handy-Man 6 cub. ft. compressor.

Sales Manager, **R. F. Hockin.** In attendance, **R. F. Drake, C. C. Evans, A. T. Trotter.**

501. **CADISCH, R., AND SONS,** 5-6, Red Lion Square, London, W.C.1. Cadisches, Holb, London; Chancery 6868.

Electrical and mechanical garage and workshop plant, tools, equipment, and supplies by leading manufacturers, together with replacement parts, fittings, and general accessories, including English Electric ignition tester.

General Manager, **R. C. Horner.**



Left: Smiths Jacking Systems Stevenson jack (Stand 268); centre: new Girling H.T.S. brake (Stand 288); right: Black and Decker Handy Utility sander-polisher (Stand 485).

GARAGE EQUIPMENT

497. **CHURCHILL, V. L., AND CO., LTD.**, 27-34, Walnut Tree Walk, Kennington, London, S.E.11. Garaquip, Souphone, London; Reliance 3063.

General garage and workshop equipment, plant and special tools, e.g., compressors, hoists, lifts, jacks, lubrication and washing outfits, engine and axle stands, valve tools, testing sets and wheel balancers.

New.—Wheel servicing equipment, comprising wheel balancer, track gauge, and wheel aligning sets.

523. **C. L. EQUIPMENTS, LTD.**, Merridale Lane, Wolverhampton. Ace, Wolverhampton; Wolverhampton 22464.

Cylinder borers, plano-grinders, valve reconditioning tools, manual and mechanical grease guns, replacement, service and spares kits.

536. **CRUICKSHANK, R., LTD.**, Camden Street, Birmingham, 1. Cruickshank, Birmingham; Central 8553.

Plating and polishing outfits materials and supplies.

Sales Manager, **G. Turner**; London Manager, **L. Eyers.**

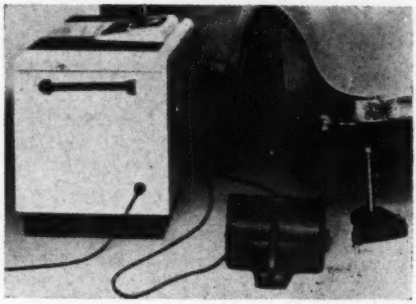
484. **CRYPTON EQUIPMENT, LTD.**, Bristol Road, Bridgwater, Som. Cryptoquip, Bridgwater; Bridgwater 2614.

Crypton engine-tuning and battery charging outfits, test benches, growlers, boosters, drop testers, motor analysers, and the like.

New.—Crypton ATC 1260 model fast battery-charger analyser.

Sales Promotion Manager, **E. E. Morgan.** In attendance, **S. G. Mundy** (Managing Director), **F. Crossman** (Sales Director), and others.

Argonic welding on aluminium body. British Oxygen Co. (Stand 521).



Churchill wheel balancer (Stand 497).

535. **CUTHBERT MACHINE TOOLS, LTD.**, Millmead Works, 92, High Street, Guildford, Surrey. Cubro, Guildford; Guildford 2363.

Cuthbert crankshaft grinder, standard and other line-borers, and con-rod borers.

New.—Wide-range line borer, for main bearings up to 4½in. diameter.

Sales Manager, **H. G. Kingshott.** In attendance, **W. A. Cuthbert, E. Lewer, W. Warner, M. Williams.**

537. **DELAPENA AND SON, LTD.**, Zona Works, Russell Place, Cheltenham, Glos. Delapena, Cheltenham; Cheltenham 53866.

Cylinder boring, grinding, and general honing outfits, gauges, spanners, wrenches, high-pressure lubricators, and the like.

New.—Wet honing machine, Type EH.215 external hone, connecting-rod clamp.

Sales Manager, **T. A. Humphries; I. Trenchard** (Director), **H. Jarvis**, and others.

454. **DESOUTTER BROS., LTD.**, The Hyde, Hendon, London, N.W.9. Despnuco, Hyde, London; Colindale 6346.

Portable electric and pneumatic tools, such as drills, screw and drill guns, screwdrivers, grinders and tappers.

New.—Type G2 and H2 2-speed portable electric drills.

Sales Manager, **F. Mew.**

472. **DUNLOP RUBBER CO., LTD.**, Fort Dunlop, Erdington, Birmingham, 24.

Stationary and portable compressors, wall and pedestal air meters, tyre spreaders,

GARAGE EQUIPMENT

gauges, repair and inflation outfits, airline fittings, wheel aligners, screw and hydraulic jacks, and rubber supplies for the workshop.

525. **DUPLEX ELECTRIC TOOLS, LTD.**, Woburn Works, High Street, Purley, Surrey. Duplextool, Purley; Uplands 8621.

Electric drills (¼, ⅜, ½in.), tool post grinders, sanders, polishers, and sheet metal shears.

Sales Manager, **H. M. West.** In attendance, **J. Bloodworth, T. W. and W. E. Wilks.**

538. **ELMS GARAGE**, West Heath, Birmingham, 31. Priory 1373.

Lightning Time Savers.

Sales Manager, **E. M. Arthur.** In attendance, **P. Costello, T. Rogers, H. Ribbleday.**

500. **EPCO, LTD.**, Star Works, Skinner Lane, Leeds, 7. Epco, Leeds, 7; Leeds 32461.

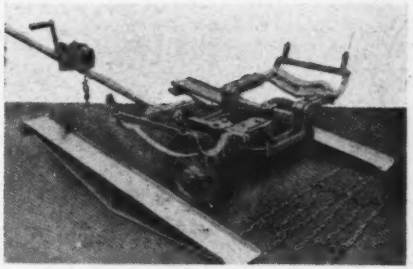
Epco hydraulic trolley-jacks in all models (1½ to 10 tons), 4-post hydraulic car lift, shown in operation.

Sales Director, **H. Simmonds.** In attendance, **J. P. Peel, T. E. Peel** and **S. Kingsley** (Directors), and others.

490. **GUYSON INDUSTRIAL EQUIPMENT, LTD.**, North Avenue, Otley, Yorks. Guyson, Otley, Yorks; Otley 2456.

Guyson blast cleaning equipment, Air-Flow electric screen demister-defroster de-

Crypton fast charger (Stand 484).



Harvey Frost self-loading ambulance (Stand 531).

vice, Guyson-Bentley universal wheel-pullers, Airpoint air and fluid couplings, Power Post hydro-pneumatic bumper jacks, Handy-clamps, and the like.

Sales Manager, **T. Hume.** In attendance, **R. S. Thomson** (Managing Director), **E. Elam, J. Rogers, J. S. Thomson.**

522. **HARTRIDGE, LESLIE, LTD.**, 9, Victoria Street, London, S.W.1. Abbey 7279.

Hartridge fuel-pump test benches, nozzle grinders, and kindred specialised equipment.

New.—Model F.T.B./U6 universal test bench, fuel pump nozzle reclamation system.

Sales Manager, **W. G. Wigglesworth.** In attendance, **C. H. Blundell, G. B. Hall, R. Lane, C. Taylor.**

531. **HARVEY FROST AND CO., LTD.**, 113, Dunmow Road, Bishop's Stortford, Herts. Harveyized, Bishop's Stortford; Bishop's Stortford 700.

H.F. salvage and workshop cranes, tyre changers, jacks, and vulcanisers, including self-loading towing ambulance, Octopus hydraulic tyre changing equipment, jack cranes, tyre-bead separator, 5-ton single-ram hydraulic jack, 4-ton triple-screw cracker jack. Other exhibits include towing ambulance adaptor, 3-ton salvage cranes (rigid and adjustable jibs), Master tyre tools, 10cwt. jack cranes, and valve-spring jig.

New.—5-ton hydraulic jack, self-loading towing ambulance, Octopus tyre changer.

Sales Manager, **J. R. Salmon.**

458. **HASLAM AND STRETTON (E. AND M.U.), LTD.**, 225-227, Stapleton Road, Bristol, 5. Thor, Bristol; Bristol 57905.

General garage equipment, including electrical and mechanical tools, battery charging outfits, welding plant and accessories.

Sales Manager, **R. F. Dawes.** In attendance, **R. W. Brown, J. B. N. Banting, S. J. Garratt,** and others.

GARAGE EQUIPMENT

517. HATCH, GEORGE, LTD., 3, Queenhithe, Upper Thames Street, London, E.C.4. George Hatch, Cannon, London; Central 7751.

Proprietary plant and tools, including compressors, battery chargers, boring and welding outfits, lubrication equipment, jacks, and like exhibits.

496. HEADLAND, THOMAS P., LTD., 164-168, Westminster Bridge Road, London, S.E.1. Teepaitch, Lamb, London; Waterloo 5353.

Line borers, valve-insert tools, con-rod aligners, wrenches, socket sets, air hammers, screwdrivers, cylinder and crank hones, axle stands, jacks, airline equipment, battery tools, guns, electric cables, and car accessories.

New.—Head torque torsion wrench (0-5 lb./ft.).

Sales Manager, **F. M. Roberts.**

468. HEAYBERD, F. C., AND CO., LTD., Greenwich South Street, London, S.E.10. Heayberd, Green, London; Tideway 4646.

Heayberd battery chargers, low-output transformers, and like electrical specialities.

Sales Manager, **B. C. Heayberd.** In attendance, **Brown, Jenkins, Waite,** and others.

456. H.E.C. COMPRESSORS AND ENGINES, LTD., Levis Works, Stechford, Birmingham, 9. Levishec, Birmingham; Stechford 2238.

Stationary and portable petrol and electric compressors, in various models, 2½-16 c.f.m.

Sales Manager, **W. S. Banner.** In attendance, **E. Biddle.**

Ingersoll-Rand 15T compressor (Stand 513).

503. HOBDAY BROTHERS, LTD., 21-27, Great Eastern Street, London, E.C.2. Yadboh, Ave, London; Bishopsgate 4343.

Factoring exhibit devoted to accessories, equipment, plant, tools and supplies by various leading producers, such as B.E.N., Bristol, Lucas, Laycock, Tecalemit, Wolf, Turner and others.

Sales Manager, **W. Bailey.** In attendance, **W. Joyce,** and others.

513. INGERSOLL-RAND CO., LTD., 165, Queen Victoria Street, London, E.C.4. Ingersoll, Cent, London; Central 5681.

Single- and two-stage compressors, including Model 15T. 3-cylinder 15 h.p. compressor, piston displacement 68 cu. ft. p.m.

Sales Manager, **L. R. Hewitt.**

478. JENKS BROS., LTD., Britool Works, Bushbury, Wolverhampton. Jenbro, Wolverhampton; Fallings Park 31281.

Britool hand tools, including pullers, extractors, wheel aligners and servicing outfits, jacks, torque, socket and standard wrenches, body straighteners and cylinder-head tools.

508. KERRY'S (GREAT BRITAIN), LTD., Warton Road, Stratford, London, E.15. Akerene, Phone, London; Maryland 6611.

Comprehensive selection of lubricating equipment, engine servicing and body repair outfits, jacks, cranes, wheel balancers, universal aligning tools, compressed air equipment, and the like.

New.—Cabinet model Southwell high-pressure car washer, in 1 and 2 gun types.

Sales Manager, **D. Wright.**

448. LAMSON PARAGON SUPPLY CO., LTD., Paragon Works, London, E.16. Plaudit, Telex, London; Albert Dock 3232.

Sales registers, accounting systems, and like exhibits.

483. LAYCOCK ENGINEERING CO., LTD., Victoria Works, Millhouses, Sheffield, 8. Invention, Sheffield; Sheffield 70041.

Car lifts, hoists, axle stands, presses, compressors, washing plants, air towers, jacks, cleansing tanks, tyre inflators, and other kindred plant.

New.—Corolume lift-lighting system.

Sales Manager: **R. M. Walker.** In attendance, **C. V. Abson, J. H. Hall, G. Haycock,** and others.

At the MOTOR SHOW

You are most cordially invited to visit

STAND No. 295

FERODO
LIMITED

CHAPEL-EN-LE-FRITH *A Member of the Turner & Newall Organisation*

Waste no time-

make reconditioning PAY!

There's regular, profitable business to be done in valve and valve gear reconditioning. A B & D Portable Valve Shop enables you to offer fast, precision work on any make or size of engine. Grinds all parts with mirror finish (no lapping in required) yet the tools are so simple to operate that any mechanic can obtain first class results. It's a factory in miniature, handsomely designed and a standing advertisement of your modern service.

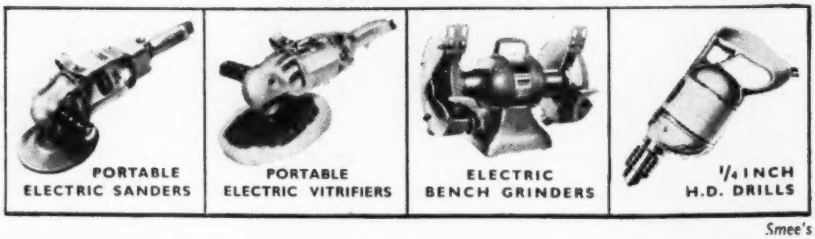
VISIT STAND No. 485

Leading Distributors everywhere sell

Black & Decker

PORTABLE ELECTRIC TOOLS

BLACK & DECKER LIMITED · HARMONDSWORTH · MIDDX. 'Phone: West Drayton 2681/7



Smee's

GARAGE EQUIPMENT

470. **LE COUTEUR, E., LTD.**, 58-59, Snow Hill, Birmingham. Lecutaford, Birmingham; Central 7176.

Plant, tools and equipment by leading makers, together with a variety of car accessories and spare parts.

In attendance, **C and E. Le Couteur, W. E. Adams, W. Beckett, P. Costello,** and others.

463. **LISTER EQUIPMENT, LTD.**, 3, Charlotte Street, Manchester, 1. Listequip, Manchester; Central 5520.

Flexy car and Major washing equipment, hose, dusting brushes, synthetic chamois cloths, safety handlamps, Minilift hoists, and the like.

New.—Lis-tergent Autofoam shampoo; 15cwt. Minilift.

Sales Manager, **E. V. Miller.** In attendance, **C. Lister and J. Wilson** (Directors), **S. Jackson, P. Wilde, R. W. Wilson.**

526. **MANN, EGERTON AND CO., LTD.**, 5, Prince of Wales Road, Norwich. Motors, Norwich; Norwich 20291.

Cranes of various types, towing poles, ambulances, car-creepers, presses, works trucks, fuel test tanks, and kindred equipment.

New.—Adjustable-jib high-lift floor crane, type FL.35; 30-cwt. breakdown crane, type 30BD.

Sales Manager, **S. H. Watson.** In attendance, **D. C. Crews, C. H. Doney, R. W. Howlett,** and others.

516. **McFADDEN AND BARRON, LTD.**, 5, Slater Street, Liverpool. Macfarron, Liverpool; Royal 6801.

Factors' exhibit of mechanical and electrical garage equipment, plant and tools.

New.—Triangle arc-spot welder, Weaver wheel-balancer.

Sales Manager, **W. J. McFadden.** In attendance, **J. Boyle, D. McCulloch, C. Sedgley,** and others.

480. **MELDRUM, THOS., LTD.**, Freedom Works, John Street, Sheffield, 2. Melco, Sheffield 2; Sheffield 25397.

Melco tyre levers, 3-, 4- and 6-way wheel-nut wrenches, cradles and cabinets, wheel braces, screwdrivers, spanners, battery servicing tools, starting handles, callipers, axle stands, and other specialities.

Sales Manager, **H. R. Knighton.**

451. **MERLIN ENGINEERING CO., LTD.**, Hebble Mills, Salterhebble, Halifax, Yorks. Merlin, Halifax; Halifax 60241.

Merlin Service Master equipment for reconditioning oil engine injector nozzles and needles.

Sales Manager, **Mr. Lee.**

452. **MOORE, ERNEST, AND SON, LTD.**, Old Town Hall, Nantwich, Cheshire. Ernmore, Nantwich; Nantwich 5251.

Factoring exhibit of proprietary plant, tools and general supplies for garage and workshop equipment.

481. **MORRIS, B. O., LTD.**, Briton Road, Coventry. Morisflex, Coventry; Coventry 5081.

Flexible shaft machines, including bench grinders, polishers, rotary cutters and files, sanders, fibre and wire brushes, mops, felts and polishing compounds.

New.—Erma automatic grinding and polishing machines.

Sales Director, **M. B. E. Masters.** In attendance, **A. Baron, J. Maddan.**

462. **MORRIS AND INGRAM (LONDON), LTD.**, 36-38, New Broad Street, London, E.C.2. Moringram, London; London Wall 2188.

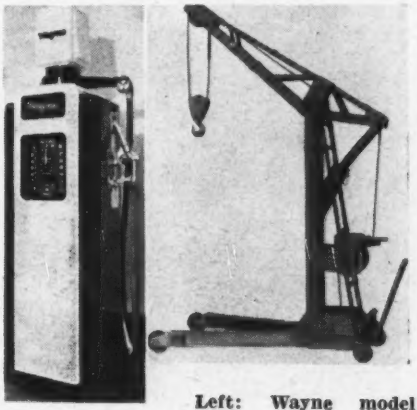
Portable electric drills, sanders, polishers, saws and kindred tools, cylinder and brake hones, valve reconditioning outfits, con-rod aligners, wheel aligners, crank truing tools, motor analysers, and the like.

New.—Alfa oil coils, Ducellier accessories.

Managing Director, **G. Hubbard.** In attendance, **P. Andrew, G. W. Green, R. H. A. Stogdon, J. W. Thompson.**

450. **NATIONAL CASH REGISTER CO., LTD.**, 206-216, Marylebone Road, London, N.W.1. Nacareco, Norwest, London; Paddington 7070.

National cash registers, accounting and



Left: Wayne model 1880 preset pump (Stand 492); right: Mann, Egerton new FL.35 crane (Stand 526).

GARAGE EQUIPMENT

adding machines, electrically and manually operated.

New.—Manually-operated register.

Sales Manager, **W. G. Poll.**

524. **NEWTON BROS. (CUDWORTH), LTD.,** Pontefract Road Works, Cudworth, Yorks. Newton, Cudworth, Yorks; Cudworth 44.

Main bearing and con-rod boring machines, con-rod aligners, valve reconditioning tools, stud extractors, self-calibrating micrometers, and like special appliances.

New.—Pre-setting micrometer.

Sales Director, **H. N. Newton**; Technical Manager, **G. W. Pollard.** In attendance, **R. H. Hopkins, D. Kaye, G. Rogers.**

510. **PADDON PRECISION TOOLS, LTD.,** 26, Glenburnie Road, London, S.W.17. Trubore, Toot, London; Balham 4451.

Repairing and repetition machines, such as cylinder and bearing borers, together with gauges, fittings and accessories.

529. **PARTRIDGE, WILSON AND CO., LTD.,** Evington Valley Road, Leicester. Davenset, Leicester; Leicester 37291.

Battery charging outfits and equipment, testers, rectifiers, rubber inspection lamps, voltmeters, lighting transformers and suchlike plant.

New.—Workshop handlamp, dual-purpose quick battery-charger.

Sales Manager, **J. Annandale.** In attendance, **S. G. Dove, H. Wilson.**

467. **PICKAVANT, J. W., AND CO., LTD.,** Frederick Street, Birmingham. Quikko, Birmingham; Central 2632.

Apkoway equipment and tools, such as extractors and pullers, clutch and valve tools, brake testers, balancers, camber gauges, tension wrenches, and other special products.

New.—Bundy tube-flaring tool, universal valve lifter, lever handle cotter extractor and pliers, shock absorber rubber bush and arm-inserter.

Air-operated Vacuum cleaner, G. T. Riches (Stand 511).

488. **PNEUMATIC COMPONENTS, LTD.,** Eyre Street, Sheffield, 1. Newcom, Sheffield; Sheffield 26561.

Air meters, towers, couplings, gauges, tyre inflators, chucks, blowguns, compressors, wheel aligners, and kindred exhibits.

Sales Manager, **G. H. Spencer.** In attendance, **Grain, Lawson, Wheatley, Williamson.**

511. **RICHES, G. T., AND CO., LTD.,** 19-21, Store Street, Tottenham Court Road, London, W.C.1. Plaxinesco, Westcent, London; Museum 0434.

Factoring exhibit of tools and plant by leading manufacturers, e.g., compressors, air towers, engine and axle stands, presses, jacks, hoists, towing ambulances, and wheel balancers, together with a display of general car accessories.

Sales Manager, **A. Coates.**

475. **ROMAC INDUSTRIES, LTD.,** The Hyde, Hendon, London N.W.9. Strength, Hyde, London; Colindale 6055.

Romac portable and stationary compressors, 5 to 26 c.f.m., in nine models, airline accessories, such as tanks, chucks and guns.

New.—Models A.C.6 and S.J.4, 9 and 5 c.f.m., respectively, fully automatic vulcaniser.

460. **RUBERY, OWEN AND CO., LTD.,** Booth Street, Darlaston, South Staffs. Ruberowen, Telex, Darlaston; Darlaston 130.

Steel storage equipment for garages and workshops, including shelving, bins, racks, tool and clothes lockers, cupboards, and stackpans.

New.—Steel stacking pallets.

Sales Manager, **S. G. Sloan.** In attendance, **M. Arrondelle, W. J. Hill.**

455. **RUGGLES, F. G., LTD.,** Tudor Place, London Road, Hounslow, Middx. Ruggles, Hounslow; Hounslow 5444.

Proprietary garage plant and tools, e.g., compressors, sprayers, electric grinders, battery chargers, welding outfits, jacks, and so forth.

465. **RUNBAKEN ELECTRICAL PRODUCTS,** 71-73a, Oxford Road, Manchester, 1. Runbaken, Manchester; Ardwick 2507.

General electrical equipment, such as

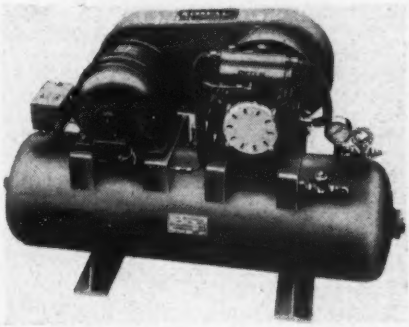
GARAGE EQUIPMENT

testing outfits, charging plants, spares and accessories, repair service sets, and the like.

Sales Manager, S. H. Flynne. In attendance, R. R. Sharlis.

534. **RYLEY, J. A., LTD.**, 7-8, Cambridge Street, Birmingham, 1. Plugs, Birmingham; Midland 3701.

General tools and plant, as, for example, hydraulic brake servicing tanks, car-hoisting slings, garage lamps and lights, compression



New Romac A.C.6 compressor (Stand 475).

testers, pullers and extractors, hose and cable winders, piston ring clamps, and other apparatus.

New.—Garage floor scraper.

Sales Manager, J. Ryley; Equipment Manager, F. W. Cambridge. In attendance, W. Hodgson, G. V. James, H. B. Woollons, L. S. Lee.

505. **SKYHI, LTD.**, Worton Road, Isleworth, Middx. Skyhijack, Phone, London; Hounslow 2211.

Skyhi hydraulic bottle-jacks (2-50 tons capacity), manoeuvring, trolley-type jacks, axle stands, compressors, single-post 3-ton lift, and other associated exhibits.

Sales Manager, R. R. Graham.

528. **STANWELL QUALITY TOOLS, LTD.**, 157A, Hubert Grove, Putney, London, S.W.9. Brixton 2437.

Special tools, such as sprocket, ballrace and hub pullers; bearing cleaners and other appliances.

Sales Manager, F. Smits.

494. **STEMCO, LTD.**, 128-132, Albert Street, Camden Town, London, N.W.1. Gilbarco, Norwest, London; Gulliver 5474.

Gilbarco Calco-meter petrol pumps, including clock and roller clock models; Brodie-Kent bulk meters, in various types.

Sales Manager, D. J. L. Laurie.

509. **STENOR, LTD.**, 37, Kew Foot Road, Richmond, Surrey. Stenor, Richmond, Surrey; Richmond 1166.

Tyre reconditioning and repairing outfits, including vulcanisers, spreaders, gauges, test tanks and the like, together with ignition testers.

Sales Manager, A. J. H. Goddard.

453. **STEVCO, LTD.**, 8-9, Rewley Road, Oxford. Stevco, Oxford; Oxford 3188.

General range of garage equipment plant and tools by leading makers, including products of Laycock, Tecalemit, Bristol, P.C.L., Wakefield, Weaver, and others.

Sales Manager, G. I. G. Stevens.

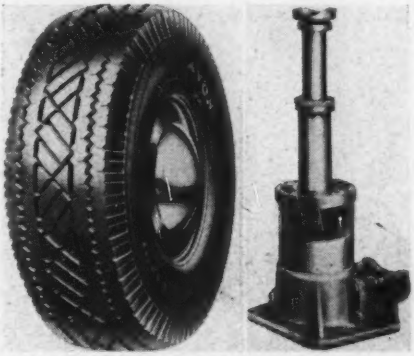
530. **STREAM-LINE FILTERS, LTD.**, Hele-Shaw Works, Ingate Place, London, S.W.8. Edgefilt, Claproad, London; Macaulay 1011.

Stream-Line oil reconditioning filtration plants and outfits for workshop and car installation.

Sales Manager, A. Beale. In attendance, J. F. Annett, P. R. Masson, W. N. Williams, and others.

469. **SYKES, J. F. (ST. ANNES), LTD.**, Warwick Works, St. Leonards Road, St. Annes-on-Sea, Lancs. Tools, St. Annes; St. Annes 374.

Hercules general garage hand tools, hub and gear pullers; K-D. valve-spring tools; Reamrite expanding reamers and pilots;



Left: Avon H.M. tyre (Stand 207); right: Skyhi 4-ton hydraulic jack (Stand 505).

GARAGE EQUIPMENT

Herculift roller bars; Warwick panel-beating equipment.

New.—Warwick 583 de luxe panel-beating tool set.

Sales Manager, P. F. Sykes. In attendance, F. Butterworth, R. S. Mowle.

506. **TECALEMIT, LTD.**, Great West Road, Brentford, Middx. Tecalemit, Wesphone, London; Ealing 6661.

Lubrication batteries, waste-oil drainers, compressors, car washing outfits, washing bay grille flooring, lifts, lubricating trolleys and units, tyre inflators.

493. **THOMAS, BERTRAM (ENGINEERS), LTD.**, Worsley Street, Hulme, Manchester, 15. Breaker, Manchester; Blackfriars 0905.

Tiltrack steel shelving, cupboards, lockers, benches, tables and racks, works trucks, garage and car heating equipment.

New.—Engine racks with retractable shelves; glass and crankshaft storage racks.

Sales Manager, A. S. Thomas. In attendance, E. T. and H. J. Adams, J. Millward.

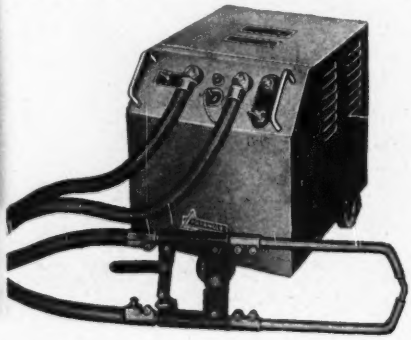
507. **TIMSON BROS. (ENGLAND), LTD.**, Moor Street, Birmingham, 4. Timson, Birmingham; Midland 3301.

Factors' display of proprietary plant and tools, by many leading makers, e.g., Weaver, Turner, Harvey Frost, Laycock, Epco, Crypton, Buma, Black and Decker.

Sales Director, A. E. Timson; Department Managers, W. A. Shotton, R. Donaldson, R. Hutton.

466. **TIPPING, C. R., AND CO., LTD.**, Tipco Works, Lowfields Road, Leeds, 12. Tipco, Leeds; Leeds 30178.

Tipco socket and other wrenches, accessories, open-end, ring and combination spanners, geared and tension wrenches, screw-starters, pullers, and other allied exhibits.



Triangle portable tongs spot welder (Stand 533).

Sales Manager, F. W. Codd; Representatives (London and South, Midlands, Yorks and Lancs, Northern and Scottish), G. E. Summersby, J. Walker, R. W. Watson, E. Bartle.

533. **TRIANGLE PRODUCTS, LTD.**, Blake Street, Hulme, Manchester, 15. Triprodux, Manchester; Central 7062.

Arc and spot welding equipment, with electrodes, accessories and tools, battery testers, and associated supplies.

474. **TURNER, WILLIAM (KISMET), LTD.**, 44, Eyre Lane, Sheffield, 1. Compression, Sheffield; Sheffield 20333.

Kismet air-service equipment, including compressors (automatic and manual), controls, chucks, couplings, gauges, tyre-inflation outfits, also washing and blow guns, and the like.

New.—Retractable air and water hose with revolving head, gauge for fluid-filled tyres.

Sales Manager, H. B. Hadfield.

471. **TYRESOLES, LTD.**, Palace of Engineering, Wembley, Middx. Tyresoles, Wembley; Wembley 1222.

Tyresoles tyre-repair and renewal equipment for worn covers; tyre-servicing plant; Wyresoles non-skid treads.

New.—Car service tyre-reconditioning plant occupying no more than 200 sq. ft.

Sales Manager, B. Lewis.

495. **UNI-GUN LUBRICATING EQUIPMENT, LTD.**, Coombe Bridge Works, Beverley Way, Kingston By-Pass, London, S.W.20. Unioil, Wimble, London; Malden 2266.

Grease guns, drum and hand pumps, buckets, oil dispensers, boosters, nipples, and kindred lubrication equipment.

New.—Monarch model lubricator.

Sales Manager, S. G. B. Wallace. In attendance, K. S. Estlin (Director and General Manager), and area representatives.

504. **WAKEFIELD, C. C., AND CO., LTD.**, 46, Grosvenor Street, London, W.1. Cheery, Wesdo, London; Mayfair 9232.

Wakefield Ambassador and Vice-Consul high-pressure lubrication batteries, rotary head Quick-Check and other oil dispensers, Quick-March transportable lubricator, grease guns, combined compressor and chassis greaser, brake bleeders, and the like.

New.—Four-post 3-ton lift, Quick-Serve oil bar.

Sales Manager, A. V. Jay.

477. **WARD, H. W., AND CO., LTD.**, Dale

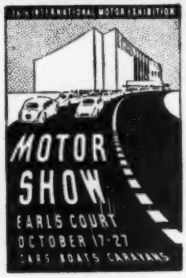
LAYCOCK ENGINEERING CO., LTD., SHEFFIELD, 8.

a Birfield Company

G.E.23

The Industry with a reputation for Service...

NEEDS THE LIGHTING WITH A NAME FOR EFFICIENCY



See us at
STAND No. 502, Motor Exhibition
—you will be welcomed.

BENJAMIN REGD. **LIGHTING**

Have you a lighting problem? Benjamin can solve it for you. They have the essential knowledge, the experience and the equipment. Benjamin are experts in the application of light and will gladly give you their advice—free, of course.

THE BENJAMIN ELECTRIC, LTD.
(Established 1908)
Brantwood Road, Tottenham, London, N.17.
Phone: Tottenham 5252 (5 lines). *Grams: "Benjalect, Southtot, London".*

BIRMINGHAM
5, Corporation St., Birmingham, 2.
Midland 5197.

LEEDS
49, Basinghall St., Leeds, 1.
Leeds 25579.

BRADBURY

HYDRO-ELECTRIC FOUR POST LIFT

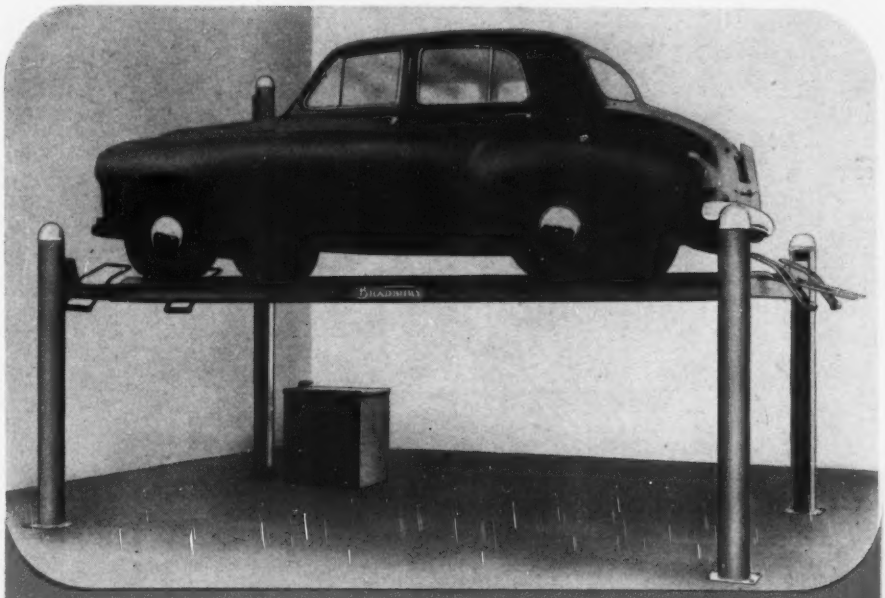
16 Plus Features

WORLD PATENTS APPLIED FOR

Do not fail to see this new four-post lift at Stand No. 512 at Earls Court. Up and down in 60 seconds; Automatic Chocks; Immediate lowering in event of power cut; "Dead Man" Control to prevent accidents during lowering; Absolutely weatherproof for forecourt use.

These are five only of its plus features. There are the eleven others. Rocket Lift Jacks, Wheel Balancers, Brake Reliners, Drum Grinders are a few of the other items of Bradbury Transport Service Equipment at Earls Court.

We shall be delighted to demonstrate any of them to you.

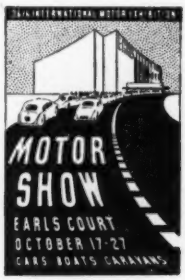


JOSEPH BRADBURY & SONS LTD

TELEGRAMS BRADBURY • BRAINTREE BRAINTREE ★ ENGLAND TELEPHONE BRAINTREE • 623/4

"The leaves are falling fast..."

There's a nip in the air
and your customers are beginning to worry themselves
about another winter of motoring.
You can do them a good turn by having a word with them
about starter batteries.
A thorough inspection and overhaul now
by your local Oldham Service Station can be effected
in just an hour or two at a small cost
and will ensure your customers' freedom from starting
troubles in the cold months that lie ahead.



STAND
C371

Get to know your

OLDHAM

SERVICE STATION
FOR A
POWER TO SPARE SERVICE

OLDHAM & SON LTD · DENTON · MANCHESTER · ESTABLISHED 1865

GARAGE EQUIPMENT

Road, Selly Oak, Birmingham, 29. Tudor, Birmingham; Selly Oak 1131.

Capstan and turret lathe tools, toolholders, die holders, and associated equipment.

492. **WAYNE TANK AND PUMP CO., LTD.**, 42, Newlands Park, Sydenham, London, S.E.26. Waynoil, Forest, London; Sydenham 7055.

Electric and manual petrol and fuel oil pumps, dial and computing Minipumps, bulk liquid meters.

Sales Manager, **G. M. Inglis.**

457. **WEAVER MANUFACTURING AND ENGINEERING CO., LTD.**, Magna Works, Kathie Road, Bedford. Weaverquip, Bedford; Bedford 5311.

Weaver garage and workshop plant, tools and equipment, such as presses, wheel balancers, steering gear tools, lifts, steam cleaners, jacks, axle stands, and tyre tools.

New.—Quick oil changer, universal towing cradle, 2-ton breakdown crane, foam washer, I.F.S. jack adapter, Turco-Zinctone carburetter cleaning process, Weaver A.T.I. single-post rail-less lift, hose reels, chassis lubricators, h.p. drum pumps, oil fountains, oil and grease guns.

Sales Manager, **L. W. West.** In attendance, **T. Coxhead, D. Stead, E. J. Edney, T. H. Mitchell,** and others.

447. **WHATTON AND SONS, LTD.**, Merridale Street West, Wolverhampton. Wolverhampton 22429.

Wandess cylinder boring bars, centre lathes, riveting, countersinking and grinding machines, bench and pedestal drillers.

Sales Manager, **A. Whatton.**

473. **WESTINGHOUSE BRAKE AND SIGNAL CO., LTD.**, 82, York Way, Kings Cross, London, N.1. Westinghouse, Nordo, London; Terminus 6432.

Westinghouse battery charging outfits in various types.

Sales Manager, **M. W. Shorter.**

491. **WOLF ELECTRIC TOOLS, LTD.**, Pioneer Works, Hanger Lane, Ealing, London, W.5. Wolfiede, Wesphone, London; Perivale 5631.

General garage and workshop equipment, including Wolf portable electric tools, valve-shops and valve appliances, together with, e.g., drills, screwdrivers, soldering outfits, grinders, sanders, polishers, nutsetters, hammers, and the like.

Sales Manager, **R. G. J. Nisbet.** In attendance, **Arnett, Buckett, Bragg,** and others.

498. **YORKSHIRE FACTORING CO., LTD.**, 79-80, Spring Gardens, Doncaster. Yorkeen, Doncaster; Doncaster 49441.

General wholesale exhibit of proprietary plant and tools, also car accessories, parts and fittings.

General Manager, **F. Walters**; Branch Managers, **H. E. E. Manton, W. F. Pope, T. Saxton,** and others.

General Accessories

248. **BENTON AND STONE, LTD.**, Aston Brook Street, Birmingham, 6. Enots, Birmingham; Aston Cross 1905.

Lubricating plant and equipment, together with, e.g., guns, cocks, filters, nipples and unions, also foot pumps, hydraulic jacks and other specialities.

Sales Manager, **N. P. Watts.** In attendance, **R. Bate, G. Caplan, M. Lewis,** and others.

252. **BLUEMEL BROS., LTD.**, Wolston, Near Coventry. Bluemel, Wolston; Wolston 244.

Bluemel steering wheels in various models, number plates, levers and handles, plastic mouldings, garage and advertising signplates, tyre inflators, and other special productions.

257. **BRITISH JAEGER INSTRUMENTS, LTD.**, Cricklewood Works, Edgware Road, London, N.W.2. Jaegerometer, Telex, London; Gladstone 3333.

Car accessories and fittings, including lights, gauges, revolution indicators, switches, thermometers, speedometers, flexible drives, clocks, and other like exhibits.

Sales Manager, **S. E. Burlington.** In attendance, **J. Brown, H. A. Maxsted, J. C. Smith.**

254. **BROWN BROTHERS, LTD.**, 22-34, Great Eastern Street, London, E.C.2. Imbrowned, Ave, London; Bishopsgate 7654.

Extensive exhibit of general accessories and components by leading makers, as for example Duco accessories (starter batteries, tyre pumps and gauges, etc.), body polishes and cleaners, Oddie Fast nuts and anchorages, Belco and Dulux finishes. Other proprietary products include Lucas, Smiths, A.C. and Lodge specialities, together with

GENERAL ACCESSORIES

many other lines too numerous to specify in limited space.

Sales Manager, **G. Tiffen.**

431. **CLARK, WILLIAM (SPARE PARTS), LTD.,** 438, Harrow Road, London, W.9. Supplipart, Maida, London; Cunningham 6116.

Accessories, components, parts and fittings, such as replacements for American cars, gears, brake and clutch parts, hand tools, electrical equipment, petrol piping, and so forth.

New.—Adjustable arm-rest, electric heating pads.

Sales Manager, **P. Tipple.**

328. **C.M.I. PRODUCTS, LTD.,** 8, New College Parade, Finchley Road, Hampstead, London, N.W.3. Vaclean, Haver, London; Primrose 6623.

C.M.I. pneumatic vacuum car cleaners, He-Man shock-action screwdrivers, liquid upholstery cleanser.

New.—He-Man screwdrivers, ⅜in. to 1¼in. Whitworth thread.

Sales Manager, **D. Atherton.** In attendance, **H. Atherton** (Director), **J. Green,** and others.

261. **CORNERCROFT, LTD.,** Ace Works, Coventry. Discs, Coventry; Coventry 64123.

Ace wheel discs and Rimbellishers in various models, number and other plates, prismatic panels, moulded plastic parts.

Sales Manager, **E. Haughton.**

349. **DELCO-REMY-HYATT,** 111, Grosvenor Road, London, S.W.1. Delremhyat, Sowest, London; Victoria 6242.

Delco-Remy and Delco electrical equipment, Delco-Lovejoy shock absorber oil, Flatray car lamps, D.R.H. car radio equipment, A.C. fuel pumps, clocks, gauges, speedometers and service parts, New Departure ball and Hyatt roller bearings, Aetna and A.T.B. thrust bearings.

New.—D.R.H. Trimatic motor radio.

Sales Manager, **C. H. Charles.**

Left: Ace Rimbellisher and Silver Peak number plate (Stand 261); right: Lucas fog lamp model F.T.67 (Stand 251).

317. **DESMO, LTD.,** Scholefield Street, Birmingham, 7. Desmo, Birmingham, 7; Aston Cross 2831.

Lamps, mirrors, horns, heaters, visors, licence-holders, gauges, tyre pumps, and a large variety of other accessories and fittings.

Sales Manager, **L. Trigg.** In attendance, **Burges, Duck, Hanley,** and others.

219. **DOVER, LTD.,** St. James's Park Road, Northampton. Patents, Northampton; Northampton 4665.

Dover spring-arm steering wheels in 2- and 3-arm models, Doverite handles, knobs, hand-rails and the like, transparent oil-feeders, Exonite repair labels, and like exhibits.

New.—Two- and three-arm steering wheels.

13. **ELLIS, BERNARD, J., LTD.,** Apollo Polish Works, Epsom Road, Leyton, London, E.10. Leytonstone 3771.

Apollo liquid and wax car polishes, Hepta rust-removing solution.

Sales Manager, **C. D. Davis.** In attendance, **A. W. Bass, B. J. Ellis, Mrs. Ellis, T. Owen.**

264. **EVERSURE ACCESSORIES, LTD.,** Kingston Road, Birmingham, 9. Evarshure, Birmingham; Victoria 2287.

Accessories and equipment, including axle stands, jacks, lamps, mirrors, horns, gearlever extension pieces, and so forth.

New.—Roof racks, replacement stop-tail lamps.

Sales Manager, **F. Kerr.** In attendance, **A. F. Allen, T. J. Duffy, J. Strachan,** and others.

326. **GLOBE AND SIMPSON, LTD.,** 184-196, West Street, Sheffield, 1. Sheffield 20355.

Factoring display of car and other equipment as produced by, e.g., Lucas, C.A.V., D.R.H., B.T.H., A.C., Lodge, K.L.G., and other leading manufacturers.

In attendance, **A. Banter, B. G. Briggs, H. E. Hodgson, W. A. Kelly.**

361. **GUITERMAN, S., AND CO., LTD.,** 37, Soho Square, London, W.1. Guiterman, Phone, London; Gerrard 2571.

Battery chargers and a large variety of electrical fittings and supplies and tools, garage creepers, and the like.

New.—Cibie fog and pass lamps.

Sales Manager, **W. H. Hulcoop.** In attendance, **M. C. Pope, R. C. Jones, H. J. Robertson, H. M. Girvan.**

GENERAL ACCESSORIES

419. HILLS (PATENTS), LTD., Hills House, Chenies Mews, Pancras Street, London, W.C.1. Umakemquick, Phone, London; Euston 5060.

Car number plates, indicators and advertising signs, cutting, punching and riveting tools.

New.—Flexwyt digits and number plates; Hilshear bench metal cutter.

Sales Manager, C. S. Smith. In attendance, E. D. Bowman, H. Harper, W. F. Hippman, and others.

438. HOLT, DOUGLAS (EST. 1919), LTD., 5-6, Eagle Street, London, W.C.1. Autopro, Holb, London; Holborn 4891.

Specialities such as cylinder and radiator repairing compounds, oil additives, gasket cement, cleaners, waxes and polishes.

443. KAROBES, LTD., Guy Works, Guy Place East, Leamington Spa, Warwicks. Karobes, Leamington; Leamington Spa 448.

Car-seat tailored loose covers, in various materials (exhibited for first time); Tartan travelling rugs.

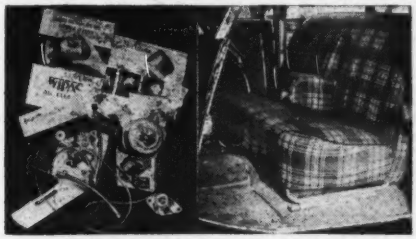
Sales Manager, Q. J. Keegan.

318. KENILWORTH MANUFACTURING CO., LTD., Hermetite Works, Tavistock Road, West Drayton, Middx. Usefulness, West Drayton; West Drayton 3047.

Hermetite jointing compounds, metallic and other paints, brake fluid, sealing putty, glazing compound, shock-absorber oils, and the like.

New.—Hermetite 5004 non-hardening and Hermetite 164 jointing, also Plasti-Coll X2 and Calortite X10, and plastic Hermetite 5069.

Sales Manager, G. L. Riseley. In attendance, L. H. Le Vay, W. Norton, G. Shaffer, K. Warren.



Left: Wipac oil cleaner kits (Stand 255); right: Karobes seat covers (Stand 443).

256. KERRY'S (GREAT BRITAIN), LTD., Warton Road, Stratford, London, E.15. Akerene, Easphone, London; Maryland 6611.

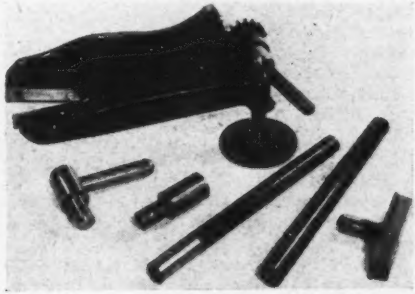
Extensive range of general accessories and components by leading manufacturers.

General Manager Motor Division, C. W. E. Kerr.

84. KEY-LEATHER CO., LTD., 5, Urswick Road, London, E.9. Keytex, London; Amherst 5202.

K-L accessories, such as Monitor car heater, windscreen demisters, licence holders, gaskets, joints, tow ropes, also garage car creepers, trolleys and lamps.

Director, E. D. Gutwein; Manager, M. L. Salgo. In attendance, M. Herman.



Hilshear metal shear (Stand 419).

251. LUCAS, JOSEPH, LTD., Great King Street, Birmingham, 19. Lucas, Telex, Birmingham; Northern 5252.

Lucas headlamps, lights, wipers, mirrors, horns, magnetos, dynamos, coils, radio suppressors and a wide variety of electrical equipment, hand tools and the like.

New.—Curved windscreen wiper and switch; screen spray; C.R.T.14 screen wiper; S.F.80 trafficator; S.R.1 and 4 magnetos; distributors, block pattern lamp lens.

55. MID-KENT PRODUCTS CO., Longpond Works, Borough Green, Kent. Borough Green 425.

Flaz-Pol car cleaning, waxing and polishing preparations, and upholstery cleaner.

New.—Mi car-body polish.

402. MYERS, WAYNE V., CO., LTD., 363-365, Chiswick High Road, London, W.4. Redexadd, London; Chiswick 6844.

Redex engine testing and dispensing outfits, gauges, Lubrocharger and Robot engine tuner, filter tanks, guns and like exhibits.

GENERAL ACCESSORIES

426. **NEALE, JAMES, AND SONS, LTD.**, 68, Graham Street, Birmingham, 1. Neale, Birmingham; Central 1533.

Raydyot car accessories and fittings, including radiator and engine sump heaters, lamps, lights, mirrors, horns, inspection lights and kindred products.

New.—Shallow-type lamp, flat interior mirror, suction licence holder.

Sales Manager, **M. R. Neale**. In attendance, **L. P. Allsop, E. G. Daley, D. W. Neale**, and others.

333. **NOTEK ELECTRIC CO., LTD.**, 23, London Road, Bromley, Kent. Noteklight, Bromley; Ravensbourne 0021.

Notek driving, reversing, pass and fog lamps, road flares; Plastilite accessories, Notekol polish.

New.—Glomaster red reflector; Flaremaster emergency roadflare.

Sales Manager, **C. A. Rothon**. In attendance, **H. and S. Balmforth, R. Hinds**, and others.

9. **NUWAY MANUFACTURING CO., LTD.**, Endurance Works, Coalport, Salop. Nuway, Coalport, Salop; Ironbridge 2132.

Nuway rubber-fibre link mats for cars, caravans and boats.

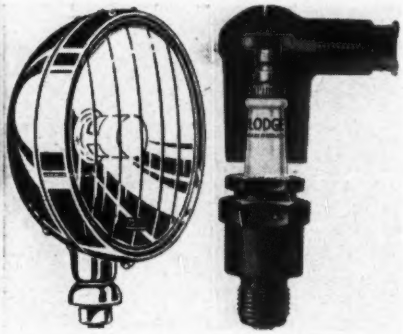
Joint Sales Managers, **J. T. M. and R. V. C. Brook**. In attendance, **E. Lovell, E. Twyman, L. C. Wallett**.

428. **PARR EQUIPMENT CO., LTD.**, 20, Avonmore Road, Kensington, London, W.14. Parequipco, Hammer, London; Fulham 4211.

Portarack roof luggage racks, in one model to suit all cars; Parr reinforced nylon locknuts.

New.—Both items are exhibited for first time.

Sales Manager, **M. Baldwin**. In attendance, **Lowe, Ricketts, Saunders**.



Left: Raydyot Comet driving lamp (Stand 426); right: Lodge plug with recently introduced watertight terminal cover (Stand 244).

220. **PARSONS CHAIN CO., LTD.**, Worcester Road, Stourport-on-Severn, Worcs.

Parsons non-skid tyre chains, tow ropes and grips, slings; B.W.P. brake and control cables, slings, clutch cables, and variable-level oil intakes.

Nuway car mats (Stand 9).

388. **PUCKERT, E. W., LTD.**, Barnacle Works, Bensham Lane, West Croydon, Surrey. Barnacle, Croydon; Thornton Heath 1924.

General car accessories, including parking lamps, mirrors and licence-holders.

New.—Side or parking lamp.

Sales Manager, **E. W. Puckert**. In attendance, **W. W. Manley, B. Morris**, and others.

411. **PYRENE CO., LTD.**, Great West Road, Brentford, Middx; 9, Grosvenor Gardens, London, S.W.1. Pyrene, London; Victoria 3401.

Pyrene fire extinguishers in standard and Phomene foam types; Pyrene car bumpers.

8. **REGENCY COVERS, LTD.**, 381-389, West Green Street, London, N.15. Bowes Park 6821.

Regency car-seat covers.

394. **REMAX, LTD.**, 3-7, Alfred Place, Tottenham Court Road, London, W.C.1. Remaxity, Westcent, London; Museum 6512.

Remax electrical and mechanical components and fittings, including, e.g., coils, condensers, fuel pump equipment, petrol and radiator hose, springs, bushes, axle shafts, gears, and the like.

New.—Ignition travel packs; Tubano radiator hose, garage electrical service kits.

Sales Manager, **C. J. Candish**. In attendance, **G. Candish, K. E. Birks, A. M. Agnew**, and others.

Precision

GARAGE SERVICE EQUIPMENT

BY

Delapena

CYLINDER GRINDERS

CRANKSHAFT HONES

TENSION WRENCHES

PRECISION HONES
(Internal and external)

FERRET CHASSIS LUBRICATION

CYLINDER GAUGES

Demonstrations under working conditions at the Motor Show (17th — 27th October)

STAND No. 537

DELAPENA & SON, LIMITED

ZONA WORKS, CHELTENHAM (Tel.: 53866/7/8)

For SHOCK ABSORBERS

The Stand Number is

325

(AVENUE E)

The full range of ROTOFLO Shock Absorbers for cars and light commercials will be on view and there *may* be

SOMETHING ENTIRELY NEW!

We are looking forward to meeting old friends and making new ones

UNIVERSAL DAMPERS LTD SHIRLEY • BIRMINGHAM

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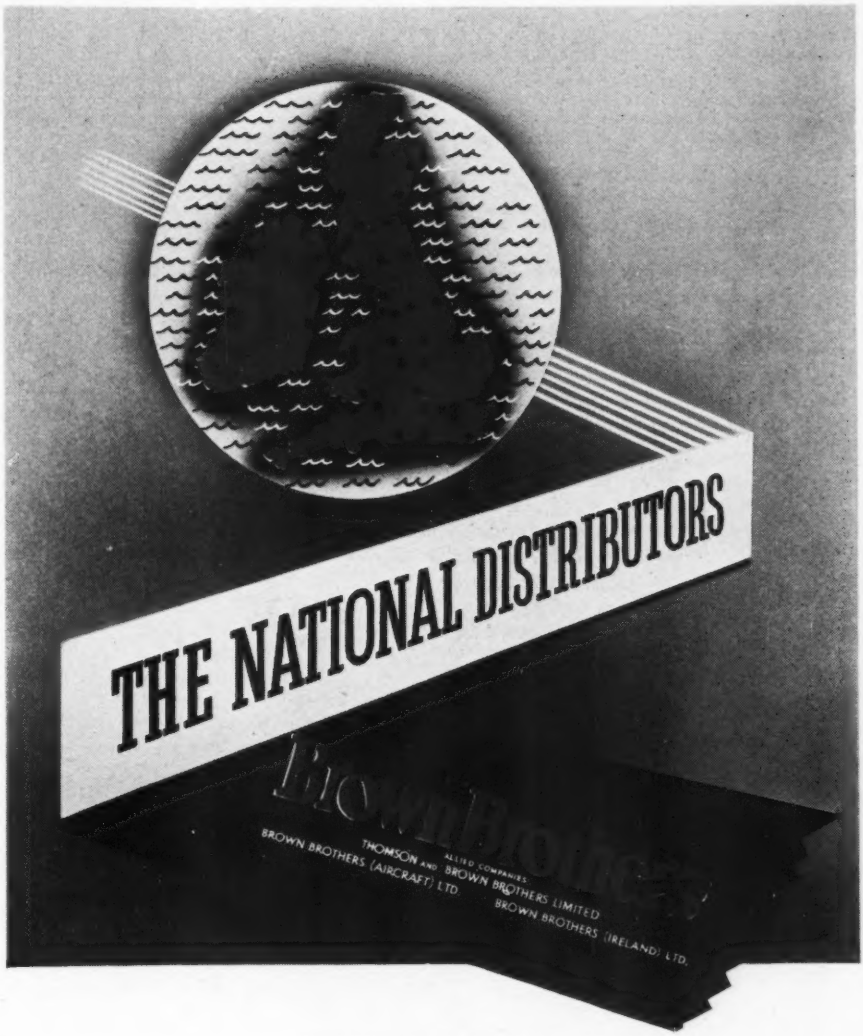


MOTOR SHOW

STANDS **254 & 232**—MOTOR ACCESSORIES & COMPONENTS

STAND **482**—SERVICE EQUIPMENT & TOOLS

Head Offices and Warehouses (Wholesale only)

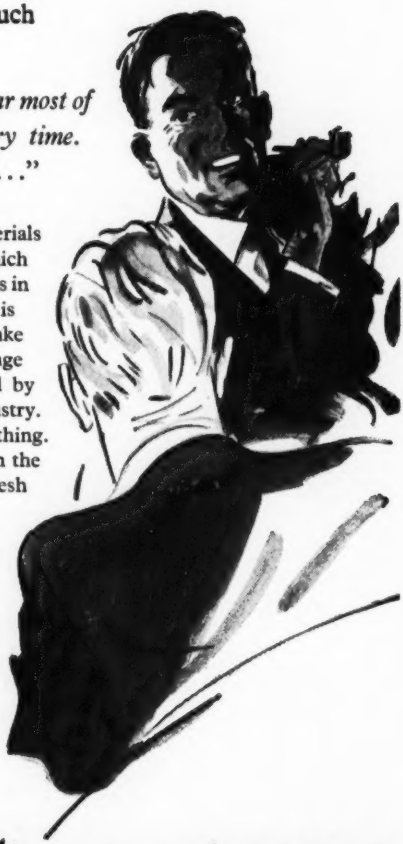
Great Eastern Street, LONDON, E.C.2. 126, George Street, EDINBURGH, 2.

Branches: Aberdeen - Acton - Belfast - Birmingham - Bournemouth - Bristol - Cardiff - Carlisle - Croydon Dublin - Dundee - Eastbourne - Glasgow - Hull - Inverness - Leeds - Liverpool - Manchester - Newcastle-upon-Tyne - Nottingham - Oxford - Preston - Reading - Southampton - Stoke-on-Trent - Wolverhampton

That's worth knowing—

"I always thought there wasn't much difference between tyres."

"Well, as I say, I've been driving a car most of my life, and I'd pick Firestone every time. There's a lot of difference, believe me . . ."



There's a very big difference. Take materials for a start: Firestone buy only materials which have passed the most uncompromising tests in their own laboratories. Only one quality is good enough . . . Firestone quality. Take production: a Firestone tyre at every stage of its manufacture is tested and re-tested by the most critical technicians in the industry. Their standards are simple . . . 100% or nothing. Take finished tyres: what was proved in the factory Firestone's test engineers prove afresh in the field—on every kind of surface Firestone tyres must take the rough with the smooth—that's what Firestone tyres have to face. That is why Firestone produce tyres of such consistently high quality.

Firestone

are such consistently good tyres!

STAND 208 at the Motor Show

Wayne

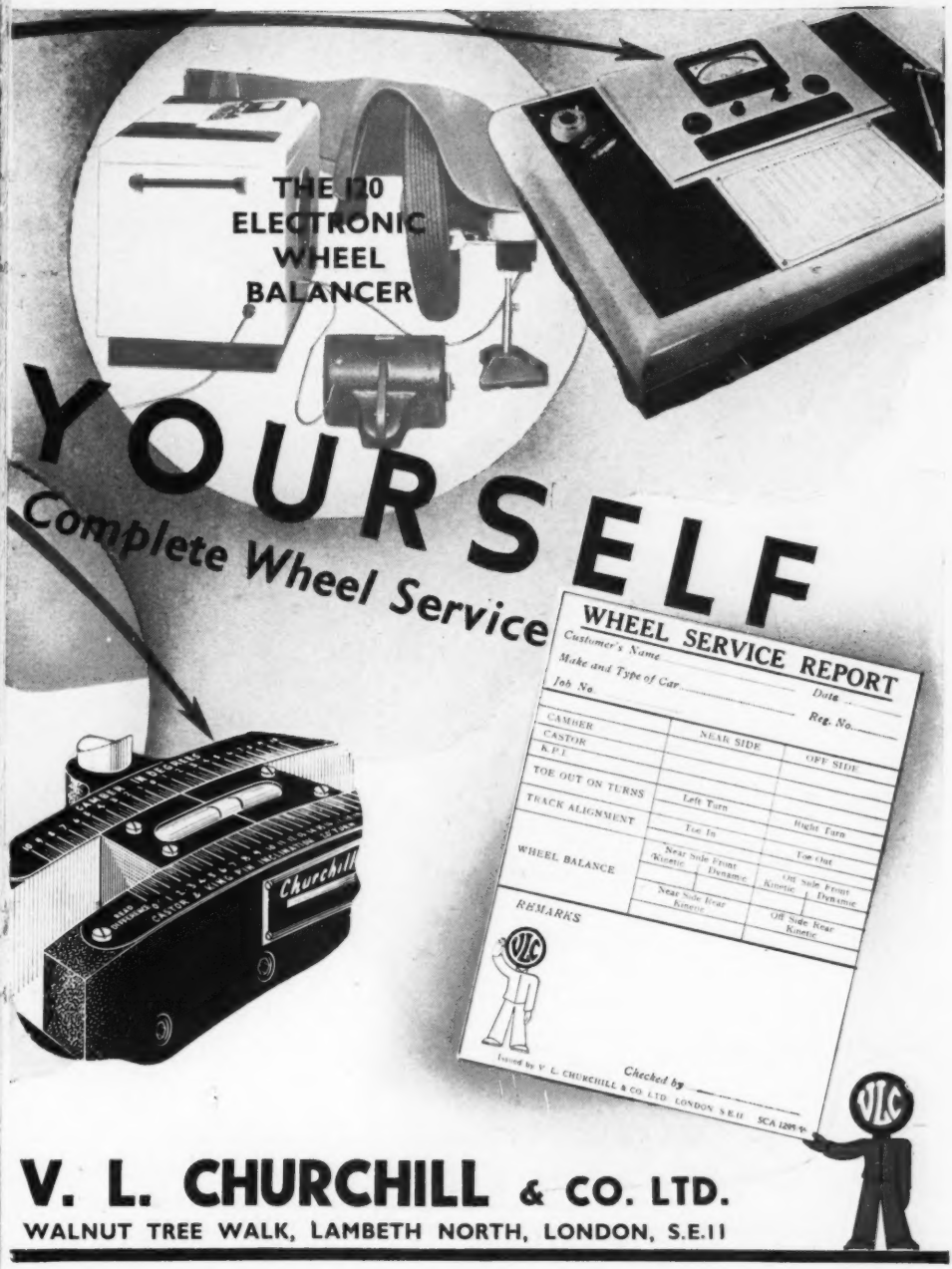
AVENUE 'R' STAND 492

The Stand with the world's best pumps on view

WAYNE TANK AND PUMP COMPANY LIMITED

NEWLANDS PARK · LONDON S.E.26 · Phone: SYD 7055

SEE FOR
The Churchill
THE 9AB PRECISION TRACK GAUGE
THE 1218 WHEEL ALIGNMENT EQUIPMENT
Churchill
INTERNATIONAL MOTOR SHOW — STAND No. 497


THE 120
ELECTRONIC
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BALANCER
YOURSELF
Complete Wheel Service
WHEEL SERVICE REPORT
Customer's Name
Make and Type of Car
Job No.
Date
Reg. No.
CAMBER
CASTOR
K.P.I.
TOE OUT ON TURNS
TRACK ALIGNMENT
WHEEL BALANCE
NEAR SIDE
OFF SIDE
Left Turn
Right Turn
Toe In
Toe Out
Near Side Front
Kinetic
Dynamic
Off Side Front
Kinetic
Dynamic
Near Side Rear
Kinetic
Off Side Rear
Kinetic
REMARKS
Checked by
Issued by V. L. CHURCHILL & CO. LTD. LONDON S.E.11 SCA 1295/5
Churchill
VLC
V. L. CHURCHILL & CO. LTD.
WALNUT TREE WALK, LAMBETH NORTH, LONDON, S.E.11

they've
all
gone
to

The Latest WAKEFIELD LUBREQUIPMENT REGD. for

made by the makers of CASTROL

see

the new

Wakefield

Oil Bar

STAND 504

BETTER SERVICE & BIGGER PROFITS

ACCEPTED

for a generation wherever oil is used

REDEX OILS & ADD TO PETROL RED EX TEST & TUNE EXTREME PRESSURE OIL ACTIVATOR & CARBON REPELLENT

REDEX OIL & FUEL ADDITIVE

The far-reaching improvements in Fuel Economy, Power Output, Reduction of Repair and Overhaul outlay have been established during a generation of use and are proved beyond all doubt by specialised REDEX testing instruments.

Write for details to-day, or visit the REDEX Stand, No. 402, at the Motor Show.

To REDEX (Dept. 93)
365 Chiswick High Road,
London, W.4.

Date.....

Dear Sirs,

Please send details of the REDEX Premier Plan for Service Stations.

Name of Firm .....

.....

Person to contact .....
and his position .....

Address .....

.....

And Now A NEW FAST CHARGER-ANALYSER by CRYPTON

Higher Output

Lower Price

Half the Size

Revolutionary New Features

See a demonstration of this entirely new combined Charger and Battery Tester AT THE MOTOR SHOW STAND Nº 484

CRYPTON EQUIPMENT LTD · BRIDGWATER · SOMERSET

MOTOR SHOW

POINTING THE WAY TO THE FINEST GARAGE EQUIPMENT

OFFICIAL TECALEMIT SERVICE

STAND 506

TRANSPORT EQUIPMENT SECTION

The latest developments in Garage Lubrication Equipment and Accessories are on show at the Tecalemit stand.

These, Tecalemit's newest contributions to the prestige and profit of the Service Station, are symbolised by the well-known target and arrow sign which attracts trade from all quarters.

TECALEMIT

The Authority on Lubrication

BRIMSTOUD & PLYMOUTH

T332

36th International Motor Exhibition
Earls Court
17th-27th Oct. 1951

WELCOME TO STAND 532

THE MODEL 'M'
Beckmeter
PRODUCT OF 100 YEARS EXPERIENCE

ON VIEW—THE WORLD-FAMOUS MODEL M PETROL PUMPS
THE NEW BECKMETER OIL DISPENSER
FITTINGS AND ACCESSORIES

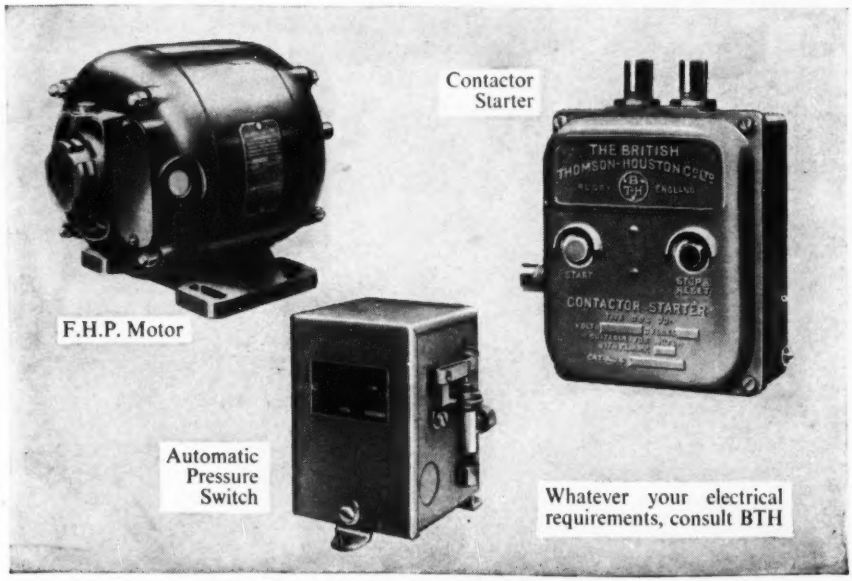
BECK & CO. (METERS) LIMITED
BECKMETER WORKS, STREATHAM VALE, LONDON, S.W.16

Electric Equipment for Garage and Workshop

BTH is well known in aviation and motoring circles for the unfailing reliability of its magnetos.

In industry, BTH is equally noted for the excellence of its electric plant, ranging from turbo-generators to small-power motors.

For the garage and workshop, A.C. and D.C. motors (flameproof where necessary) and appropriate control gear are available; also pressure switches for compressor control, "Fabroil" (non-metallic) pinions and blanks, magnetos, Mazda lamps, and lighting equipment—mostly from stock or short term delivery.



BRITISH THOMSON-HOUSTON

THE BRITISH THOMSON-HOUSTON CO., LTD., RUGBY, ENGLAND

Member of the AEI group of companies

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MOTOR CAR TRICO EQUIPMENT

TRICO-FOLBERTH LTD., GT. WEST ROAD, BRENTFORD, MIDDX.
Telephones: EALING 2672-7, 3671-3 Cables: TRICOWIPA, LONDON

THE FINEST CAR POLISH YOU'VE EVER USED!

AMAZING NEW

Autobrite

4% SILICONE PROCESS

IS BACK AGAIN!

The sensational success of this amazing product meant the whole of our

ONE YEAR'S OUTPUT SOLD IN TEN WEEKS!

so that many of our good friends, both wholesale and retail, have been unable to obtain supplies, but we are glad to say that

NEW SUPPLIES ARE COMING FORWARD

and if you place your order now we shall be happy to fulfil to the limit of the available supplies, but please

DON'T BE CAUGHT SHORT!

The limited supplies available will be shared out as fairly as possible on the basis of

FIRST COME—FIRST SERVED

PLACE YOUR ORDER WITH YOUR FACTOR. WE DO NOT DEAL DIRECT WITH THE RETAIL TRADE.

E. R. HOWARD LTD., "3-IN-ONE" WORKS, STOWMARKET, SUFFOLK

For the proprietors, A. S. BOYLE CO. LTD., LONDON, W.C.1

GENERAL ACCESSORIES

418. ROMAC INDUSTRIES, LTD., Romac Works, The Hyde, Hendon, London, N.W.9. Strength, Hyde, London; Colindale 6055.

Accessories, fittings and supplies, such as ignition cables, screenwiper blades, licence holders, car polishes, anti-freeze compound, vulcanisers, hose, fan belts, tyre repair equipment, brushing and spraying lacquers.

New.—Dipstick wiper.

240. ROSS, COURTNEY AND CO., LTD., 25, Ashbrook Road, Upper Holloway, London, N.19. Homonyms, Holway, London; Archway 1166.

Variety of stamped and turned repetition fittings, such as Petromag locking taps, cocks, valves, terminals, and hydraulic jacks.

New.—Selection of numerous items, e.g., wiring tags.

Sales Manager, **A. S. Robertson.** In attendance, **L. F. Brookman, H. C. Elsden, R. L. Fielding.**

348. SCHRADER'S, A., SON, 829, Tyburn Road, Erdington, Birmingham, 24. Erdington 2267.

Schrader tyre valves and testing equipment, airline fittings, blow guns, vulcanisers and kindred products.

306. SIMMONDS AEROCESSORIES, LTD., Treforest, Glamorgan. Aerocessim, Pontypridd; Taffs Well 222.

Fram oil cleaners and petrol filters, plain and self-locking nuts, Jontix sealing compound.

New.—Fram cooling-system filter.

General Sales Manager, **E. S. Mead.**

287. SIMONIZ (ENGLAND), LTD., 20, Dalling Road, King Street, Hammersmith, London, W.6.

Simoniz car-cleaning and polishing preparations.

246. SMITHS MOTOR ACCESSORIES, LTD., Cricklewood Works, Edgware Road, London, N.W.2. Speedopac, Telex, London; Gladstone 3333.

Variety of specialised car accessories, such as clocks, dashboard panels, revolution indicators, thermometers, batteries, petrol

Smiths 12-volt battery (Stand 246).

tubing, flexible drives, lighters, heating and ventilating units, and anti-freeze compound.

New.—Heating and ventilating units.

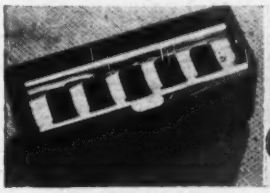
Sales Director, **S. E. Burlington;** Sales Manager, **J. H. Hall.**

268. SMITHS JACKING SYSTEMS, LTD., Jackall Works, Edgware Road, Cricklewood, London, N.W.2. Toggle, Crickle, London; Gladstone 6671.

Portable car jacks; 4-wheel built-in hydraulic car jacks.

New.—Electrically operated power unit for the 4-wheel jacking system.

Sales Manager, **E. W. Healey** (technical). In attendance, **H. Smith** (Director), **F. H. Baker, K. Reid, B. Sawyer,** and others.



Left: Wilmot-Breeden ash tray (Stand 378); centre, Schrader balloon tyre gauge (Stand 348); right: Weathershields Zeff ventilators (Stand 87).

GENERAL ACCESSORIES

415. **TERRY, HERBERT, AND SONS, LTD.,** Novelty Works, Redditch, Worcs. Springs, Redditch; Redditch 61.

Extensive selection of light spring, wire and presswork, such as valve springs, clips, spanners, leaf-spring greasers, flexible shaft outfits, washers, cables, and Anglepoise garage-type lamps.

Sales Manager, **J. A. Darby.**

433. **TEWEL INDUSTRIES, LTD.,** Cotton Hall Street, Darwen, Lancs. Tewel, Darwen; Darwen 1000.

Battery sundries, fan belts, body materials, spare car parts, and a variety of accessories, i.e., stud extractors, valve tools, tube-flaring tools, petrol and oil piping, special workshop kits, hose dispensers, magnetic sump drain plugs, and other kindred lines.

New.—Dipstick wiper; carbon scraper; silencer brackets; anti-rattle window device; key-ring torch.

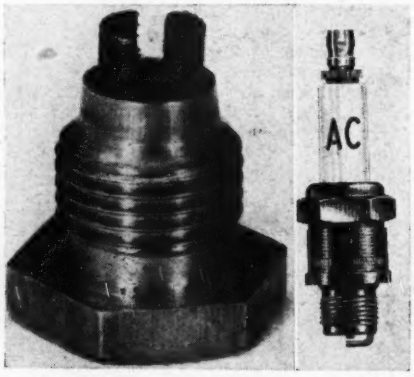
Sales Manager, **G. Duckworth.** In attendance, **R. Evans, L. A. Jones.**

232. **THOMSON AND BROWN BROTHERS, LTD.,** 126, George Street, Edinburgh, 2. Accelerate, Edinburgh; Central 5533.

General car accessories, fittings and parts by leading manufacturers, including, e.g., lamps, mirrors, polishes, non-skid chains, pistons, sparking plugs, batteries, Belco and Dulux body finishes and garage supplies.

Sales Manager, **G. Tiffen.**

302. **TRICO-FOLBERTH, LTD.,** Great West Road, Brentford, Middx. Tricowipa, Brentford; Ealing 2672.



Left: Tewel magnetic drain plug (Stand 433); right: AC F9 sparking plug (Stand 217).

Trico accessories, including electric windscreen wipers, cigarette lighters, twin and triple air horns, screen washers, flashing light signals, wiper sets and blades, direction indicators, switches, mirrors and the like.

New.—Trico electric car-fan and defroster.

Sales Manager, **S. B. Whiteley.**

273. **TUDOR ACCESSORIES, LTD.,** Benlow Works, Silverdale Road, Hayes, Middx. Tudoraccess, Hayes; Hayes 0441.

General accessories, such as mirrors, visors, petrol locking caps, licence-holders, and like exhibits.

New.—Pistol-grip handbrake lock; key-ring torch, petrol tank caps, key-ring badges, combination cigarette box, ashtray, extinguisher and automatic lighter.

276. **TYRE PRODUCTS, LTD.,** Palace of Engineering, Wembley, Middx. Typrod, Wembley; Wembley 1222.

Typrod car and caravan mats, and rubber link mats.

Sales Manager, **N. Hillson.**

396. **UNIVERSAL BALL BEARING REPAIR AND MANUFACTURING CO.,** 111-115, The Grove, Hammersmith, London, W.6. Universal, Hammersmith; Riverside 3262.

Ball and roller bearings, including factor's display of general proprietary accessories, fittings, components, and tools.

Sales Manager, **H. J. P. Fisher.** In attendance, **F. Parish, G. and J. Perkins,** and others.

284. **WATNEY MOTOR ACCESSORIES CO., LTD.,** Blaby Trading Estate, Blaby, Leics. Watmac, Blaby; Wigston 89601.

Dragoman detachable roof racks.

400. **WELFIT MANUFACTURING CO., LTD.,** Adelaide Street, Halifax, Yorks. Halifax 5870.

Car-seat loose covers, car protector sets for servicemen, car floor covering and driving seat pads.

New.—Kumfitex seat covers.

Sales Director, **J. Colman.**

378. **WILMOT-BREEDEN, LTD.,** Amington Road, Birmingham, 25. Bumpers, Birmingham; Acocks Green 3344.

Body fittings, locks, handles, ventilators, visors, radiator grilles, bumpers, window operators, locks and other hardware items, including general accessories.

New.—Radiator grille and badges for Standard car.

Sales Manager, **A. Wheatley.**

GENERAL ACCESSORIES

340. **WINGARD (M.A.), LTD.**, Kingsham Road, Chichester, Sussex. Wingard, Chichester; Chichester 3236.

Accessories and fittings, including car lights, mirrors, screen wipers, licence holders, hose clips, tank caps, number plates, tyre gauges, fuel pump and electrical equipment, and other kindred specialities.

New.—Interior mirrors, reflector discs, anti-freeze tester.

Sales Manager, F. W. Watts. In attendance, Edwards, McKie, Scalley, and others.

12. **WRIGHT, CHAS., LTD.**, Churchway, Edgware, Middx. Chas. Wright, Edgware; Edgware 0211.

Number plates, garage and advertising signs, and the like.

Sales Manager, A. W. Biggs. In attendance, W. J. Biggs, L. H. Bradshaw, J. H. Strachan, and others.

Wingard anti-dazzle mirror (Stand 340).

Chassis Components

217. **AC-SPHINX SPARK PLUG CO.**, Watling Street, Dunstable, Beds. Sphinx, Dunstable; Dunstable 1166.

AC sparking plugs and tools, air cleaners and silencers, oil filters, fuel pumps, and the like, together with radiator pressure caps, crankcase ventilation valves, oil pressure switches, fuel filters, and other kindred specialities.

Sales Manager, C. N. Faulconbridge.

14. **ALFORD AND ALDER (ENGINEERS), LTD.**, Deacon Street, Walworth, London, S.E.17. Alforder, Camber, London; Rodney 2611.

Independent front suspension units, ball-joint and steering gear assemblies, front-axle components, brake drums.

228. **AMAL, LTD.**, Holford Works, Perry Barr, Birmingham, 20. Amalcarb, Phone, Birmingham; Birchfields 4571.

Amal carburetters, ball and roller joints, wire cable controls, fuel pumps, flame traps, filters, flowmeters, and jet calibrators.

222. **ANDRE (COMPONENTS), LTD.**, 38, Felsham Road, Putney, London, S.W.15. Andrecomp, London; Putney 5751.

Andre Hartford shock absorbers, Telecontrol shock absorbers, shimmy dampers, and Andrex suspension dampers.

New.—Improved Andrex suspension damper.

Sales Manager, L. W. Harris. In attendance, C. S. Houston (Service Manager), L. H. Barnett (Works Manager), A. Lane (Assistant Works Manager).

304. **ANDREWS, HAROLD, GRINDING CO., LTD.**, Bristol Road, Birmingham, 29. Supergrind, Birmingham; Selly Oak 1128.

Hagco Silmochrom and Austenitic cast cylinder liners, James spun castings, rods and bars, valve-seat inserts, and the like.

Sales Manager, G. Sutcliffe. In attendance, H. Andrews (Managing Director), G. Arthur, L. G. Barnes.

385. **ANGUS, GEORGE, AND CO., LTD.**, Angus House, Newcastle-on-Tyne, 1. Angus, Newcastle-on-Tyne; Newcastle 22656.

Gaco oil and other seals and gaskets, fuel pump diaphragms, hydraulic packings.

424. **ANTI-ATTRITION METAL CO., LTD.**, Woodlands Park Works, Maidenhead, Berks.

Anti-attrition castings and parts in bronzes, gun-metal, aluminium and general non-ferrous metals, machined bearings, gearwheels, marine propellers, and allied products.

224. **ARMSTRONG'S PATENTS CO., LTD.**, Eastgate, Beverley, Yorks. Armstrong Patents, Beverley; Beverley 410.

CHASSIS COMPONENTS

Armstrong shock absorbers in lever and telescopic units, conversion sets, and the like.

New.—Heavy duty telescopic shock absorbers.

Sales Manager, **E. C. Latter.** In attendance, **F. A. Blandford, R. Broughton, R. Foster,** and others.

369. **AUTOMOTIVE PRODUCTS CO., LTD.,** Tachbrook Road, Leamington Spa, Warwicks. Autoducts, Phone, Leamington; Leamington 2700.

Lockheed hydraulic brake fluid, Thompson steering gear assemblies, Purolator oil and fuel filters, clutch and brake parts.

Sales Manager, **F. Rowarth.**

425. **BEANS INDUSTRIES, LTD.,** Hurst Lane, Tipton, Staffs. Bean, Tipton; Tipton 1681.

Cylinder blocks and heads, crankchambers, gearboxes, clutches, axles, steering gear boxes, and associated castings for the trade.

In attendance, **J. Evans, W. H. Sargent.**

286. **BENDIX, LTD.,** King's Road, Tyseley, Birmingham, 11.

Tracta constant-velocity joints, Bendix hand-brake controls, cables, and like fittings.

382. **BENNETT, WALT. (SPARE PARTS), LTD.,** Bradnor Road, Wythenshawe, Manchester. Spares, Manchester; Wythenshawe, 2225.

Fittings and components, e.g., axleshafts, shacklebolts, steering pins and bushes, track rods and link ends, clutch plates, exhaust boxes, and finished repetition work.

Sales Manager, **W. A. Bennett.** In attendance, **Fletcher, Seed, Wade,** and others.

50. **BIRKETT, T. M., AND SONS, LTD.,** Thomas Street, Hanley, Stoke-on-Trent. Birkett, Hanley; Stoke-on-Trent 2184.

See you at Earls Court?

"The Garage and Motor Agent" Stand is No. 56 on the ground floor. As usual, it will be full of interest for garagists, with its display of "Business Aids for the Motor Trade"—system forms designed to take the trouble out of garage management.

Machined bearings and bushes, steam valves and fittings, non-ferrous castings, chill-cast tubes and rods, marine propellers.

Sales Manager, **D. W. Wright.** In attendance, **H. Butcher, K. Quayle, W. G. Wilkin.**

362. **BIRMINGHAM ALUMINIUM CASTING (1903) CO., LTD.,** Dartmouth Road, Smethwick, 40, Staffs. Birmal, Smethwick; Smethwick 1431.

Components and fittings, cast in aluminium alloy, magnesium and kindred metals, such as cylinder heads, crank chambers, pistons, brake shoes, and pump bodies.

365. **BORG AND BECK CO., LTD.,** Tachbrook Road, Leamington Spa, Warwicks. Borganbeck, Leamington; Leamington 2700.

Borg and Beck clutches in six sizes (6½ to 11in.), Borglite spring pressure plates.

Sales Manager, **F. Rowarth.**

274. **BOUND BROOK BEARINGS (G.B.), LTD.,** Trent Valley Trading Estate, Trent Valley Road, Lichfield, Staffs. Boundless, Lichfield; Lichfield 2027.

Bound Brook graphited bronze, Compo and other bearings, bushes, Powdiron components, iron valve guides, and the like.

Sales representative, **J. F. McPherson.**

221. **BOWDEN (ENGINEERS), LTD.,** Victoria Road, Willesden, London, N.W.10. Bowirelim, London; Elgar 4805.

Bowdenex and Bowdenite flexible control fittings, brake cables, and general small parts.

323. **BRAKE LININGS, LTD.,** Bridge Street, Buxton, Derbys. Braklining, Buxton; Buxton 776.

Duron brake and clutch linings and segments.

New.—Types P.12B., and P.28B. rigid moulded brake segments.

Sales Manager, **C. B. Baker.** In attendance, **J. Atkinson, F. A. A. Gosling, C. J. Parr.**

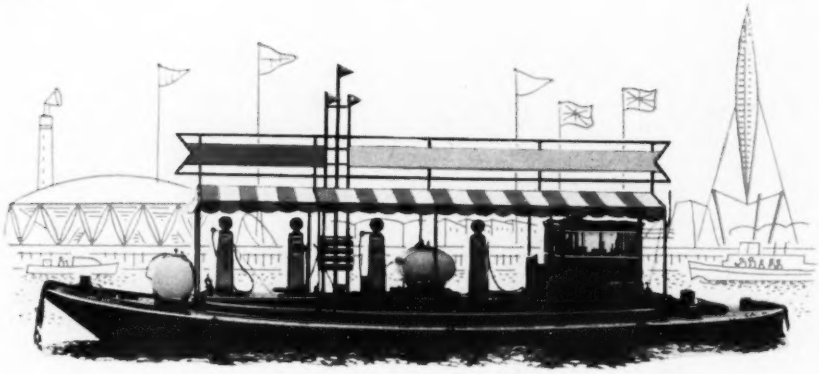
294. **BRAMBER ENGINEERING CO., LTD.,** Springbok Works, Waterloo Road, London, N.W.2. Otocarrcom, London; Gladstone 5447.

Leaf and coil road springs and components, Bramber (Spencer-Moulton Flexitor) independent rubber suspension units, Springbok hub assemblies, wheels and trailer undergear.

New. — Independent rubber suspension system.

Sales Manager, **H. B. Pratt.** In attendance, **S. C. Clansay, G. Cook, A. A. Pearson, M. Watson.**

JOSEPH LUCAS LTD · BIRMINGHAM · ENGLAND



Fuel for the Festival Water Buses pumped by Avery • Hardoll

. . . and now lubrication by the Avery • Hardoll

"FIVE-POINT" OIL DISPENSER

Dispenses five grades with clear indication of brand.

Free from Hose interference

SEE IT ON STAND 514
AVENUE S—T, EARLS COURT

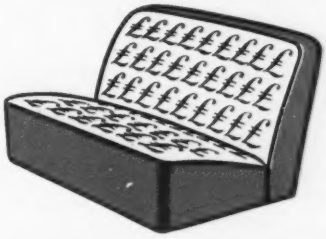
AVERY•HARDOLL LTD.

OAKCROFT ROAD, TOLWORTH, SURBITON, SURREY

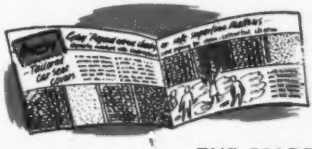
Telephone : ELMbridge 6635. Telegrams : Hardolpump Phone London

THERE'S MONEY IN Regency CAR SEAT COVERS!

Regency tailor-made car seat covers add beauty and value to any car. They make handsome profits and satisfied customers. Let us help you to make the most of this tremendous market



These 2 attractive Sales aids will sell for you!



THE FOLDER

A colourful and attractive sales aid to hand to your customers—containing full details and illustrations of these first-class car seat covers.

THE SHOWCARD

Any showroom or counter will be graced by this many-coloured showcard—strutted for your convenience.

Both showcard and leaflet will bring you business—yet cost you nothing.

Write today for full details...

REGENCY COVERS LIMITED

381-9, West Green Road, Tottenham, N.15. Telephones: Bowes Park 6821/2/3.

see Nobby PRODUCTS first!

Whether at the Motor Show or in everyday business, it's a good idea to "see Nobby first". It usually saves looking elsewhere and you are sure of finding something new and interesting.

Nobby SPEEDO CABLES

Complete Cable Assemblies for all makes of British and American Cars and Trucks help you to give your customers prompt service.

Nobby MAKE YOUR OWN PETROL PIPES

The NOBBY Kit of Flexible Fuel Lines enables you to make up petrol and oil pipes to your customer's pattern while he waits!

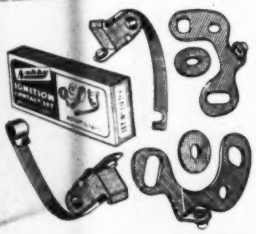
Nobby MOTOR SPONGES

The toughest yet kindest sponge made. No rubber; no cellulose—an entirely new conception of sponge value. Made in 3 sizes with a MONSTER Size (7½" x 4½" x 2½") for garage use.

Nobby HANDYKITS

This great stock investment plan enables you to stock small quantities of over 1,500 lines for only 1/- each line. NOBBY Handykits save time and money.

Nobby IGNITION PARTS



A range of ignition contact sets for all British and American systems. Boxed in sets, labelled for quick identification and easy handling.

Nobby TIE ROD ENDS

Adjustable Screw Cap enables wear in ball or ball seating to be taken up, thus adding considerably to the life of the assembly. Easy to dismantle — each part supplied as separate items. Available for all popular cars and trucks.

STAND 431

AVENUE N. FIRST FLOOR

also Nobby PRODUCTS

REPLACEMENT SPARE PARTS for AMERICAN VEHICLES

Ford, Dodge, Chevrolet, Jeep, etc.

WILLIAM CLARK (SPARE PARTS) LTD., Nobby Works, Hedley Road, St. Albans Tel: 6011/2/3

GET THEM FROM YOUR FACTOR

CHASSIS COMPONENTS

327. **BRICOVMO, LTD.**, Brico Works, Holbrook Lane, Coventry. Brico, Coventry; Coventry 89014.

Pistons, rings, valve-seat inserts, cylinder liners, and the like.

New.—Covmo XL de luxe graphited piston, for replacement service.

Sales Manager, **J. W. Hale.**

262. **BRITISH BELTING AND ASBESTOS, LTD.**, Scandinavia Mills, Cleckheaton, Yorks. Belting, Cleckheaton; Cleckheaton 800.

Mintex brake and clutch linings, packing, jointing and spring inter-leaving materials, crank and gear damper discs, bonnet lining, anti-friction bushes, brake testing equipment, asbestos yarns and tape, Lockheed brake shoes.

Sales Manager, **P. Mount**; Assistant Sales Manager, **E. Lill**, and others.

11. **BRITISH BUNDY TUBING CO., LTD.**, 75, Grosvenor Street, London, W.1. Armcoingot, Wesdo, London; Mayfair 4756.

Bundy petrol, oil and hydraulic brake fluid tubing and flaring tools.

Sales Manager, **F. Egerton.** In attendance, **R. Heydon, S. D. Hopwood, R. May**, and others.

374. **BRITISH PISTON RING CO., LTD.**, Holbrook Lane, Coventry. Brico, Coventry; Coventry 89014.

Pistons, pins, rings, valve seat inserts, guides and tappets, cylinder sleeves, and other kindred parts.

322. **BROWN BAYLEY STEELS, LTD.**, Leeds Road, Sheffield, 9. Bayley, Sheffield; Sheffield 41031.

Steel forgings and parts, stainless steel strip and sheet.

298. **BROWN, DAVID AND SONS (HUDDERSFIELD), LTD.**, Park Gear Works, Huddersfield. Gearing, Huddersfield; Huddersfield 3500.

Live axle worm, hypoid and spiral bevel gearing, timing gears, gear pumps and the like, together with synchromesh car, and marine, gearboxes. David Brown M.D. 4-cylinder o.h.v. marine oil motor (25.5 h.p. at 1,600 r.p.m.), with reversing-reduction gearbox.

392. **CAPE ASBESTOS CO., LTD.**, 114-116, Park Street, London, W.1. Incorrupt, London; Grosvenor 6022.

Capasco brake and clutch linings, shock absorber discs, moulded, machined and sheet plastics, washers, brake shoe assemblies, and the like.

375. **CARY, WILLIAM E., LTD.**, Red Bank, Manchester, 4. Carybank, Manchester; Blackfriars 5691.

Coil and laminated road springs, stabiliser bars, spring and light presswork, and caravan fittings.

377. **CLAYTON DEWANDRE CO., LTD.**, Titanic Works, Lincoln. Titanic, Lincoln; Lincoln 1156.

Clayton Dewandre vacuum-servo braking systems for cars and caravans, car heating equipment, and brake component parts.

406. **CLYDE ALLOY STEEL CO., LTD.**, Craigneuk Works, Flemington, Motherwell, Scotland. Clydall, Motherwell; Motherwell 1051.

Alloy steel supplies for the trade, with representative examples of machined forgings and chassis components.

356. **COCKER BROS., LTD.**, Fitzalan Works, Effingham Road, Sheffield, 9. Cocker, Sheffield; Sheffield 41188.

Laminated car and trailer suspension springs, I.F.S. coil springs, clips, examples of light presswork, silver steel supplies, and the like.

Sales Manager, **A. N. Lucey.**

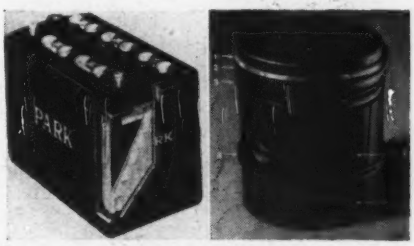
335. **COOPERS MECHANICAL JOINTS, LTD.**, 14, Liverpool Road, Trading Estate, Slough, Bucks. Endure, Slough; Slough 22373.

Gaskets, joints, shims, washers, strainers, filters and associated supplies.

Sales administrator, **A. T. Hitch.** In attendance, **P. W. C. Griffith, M. C. Herrington.**

399. **CORDS PISTON RING CO., LTD.**, 906, Harrow Road, London, N.W.10. Cordsaring, Harles, London; Ladbroke 3322.

Cords piston rings in all standard dia-



Left: sectioned Park super service battery (Stand 397); right: new Covmo XL de luxe replacement piston (Stand 327).

CHASSIS COMPONENTS

meters, Fitzall and Camatic expanders for solid and split trunk pistons.

Sales Manager, **E. Tunmer.** In attendance, **H. Kelly, G. Neale.**

337. **CRESSWELL'S ASBESTOS CO., LTD.,** Wellington Mills, Bradford, Yorks. Chekko, Bradford; Bradford 64301.

Chekko brake liners and clutch rings, Girling and Bendix replacement brake shoes.

Sales Manager, **R. G. A. Bracewell.** In attendance, **K. W. Binns, E. N. Fairburn, H. H. Roper, J. B. Seager.**

380. **DARTMOUTH AUTO CASTINGS, LTD.,** Dartmouth Road, Smethwick 40, Staffs. Darcast, Smethwick; Smethwick 1541.

Darcast grey and alloy iron castings, including, e.g., cylinder-heads, flywheels, manifolds, gearbox and pump casings, and clutch plates.

422. **DELANEY GALLAY, LTD.,** Vulcan Works, Edgware Road, Cricklewood, London, N.W.10. Gladstone 2201.

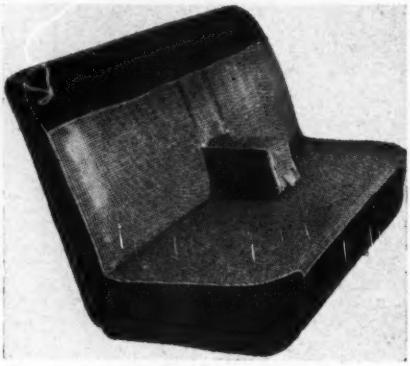
Radiator, oil coolers, car heating and air-conditioning equipment, oil and fuel tanks, and other examples of sheet metal work.

New.—Model A.9 car heater.

Sales Manager, **J. S. Ward.** In attendance, **M. Bryce, F. K. Burville, J. Challen,** and others.

277. **DUALLOYS, LTD.,** Boden Works, Chard, Som. Dualloys, Phone, Chard; Chard 2341.

Dualloy bronze and other bearings, self-lubricating bushes, ingots, sticks, and other kindred components.



Perfit seat covers.

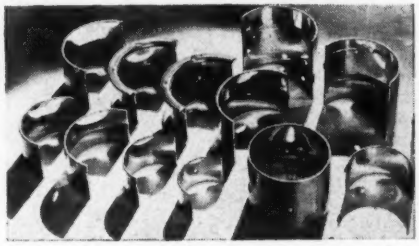
New.—Metal powder die-pressed components.

In attendance.—**G. Boulter, R. J. Price.**

359. **EARLE, BOURNE AND CO., LTD.,** 21, Lincoln's Inn Fields, London, W.C.2. Earlbotube, Holb, London; Holborn 0149.

Brass sheet and strip supplies, such as radiator film and slats, drawn sections for windows and screens, copper and brass tubing.

London Director, **A. Murray.** In attendance, **S. J. Heather, J. R. Raindle,** and others.



Edmunds, Walker thin wall bearings (Stand 366).

366. **EDMUNDS, WALKER AND CO., LTD.,** The Broadway, West Hendon, London, N.W.9. Edwalaco, Hyde, London; Hendon 6321.

Wholesaler's extensive exhibit of proprietary components, fittings and supplies, such as Thin-Wall bearings, Timken, Hoffmann, R. and M., S.K.F., and Salter bearings, Lockheed brake spares, Tranco valves, Payen gaskets, Ferodo products, Hardy Spicer joints, Layrub couplings, Renold and Morse chains, Bricovmo and Hepolite pistons and other specialities, including also electric cables and leads.

Sales Manager, **J. T. McNeil.**

376. **E.N.V. ENGINEERING CO., LTD.,** 4-5, Hythe Road, Willesden, London, N.W.10. Envied, Wesphone, London; Ladbroke 3622.

Hypoid and spiral bevel gears, balance gears, hypoid bevel live axles, camshafts, and like components.

Representative, **L. Calisch.**

373. **EWARTS, LTD.,** Burnt Tree Works, Dudley, Worcs. Ewarts, Dudley; Dudley 2567.

Petrol, oil and water cocks, filters, and kindred brass parts and fittings.

Sales Manager, **E. L. Hulme.**

CHASSIS COMPONENTS

291. FARNBOROUGH ENGINEERING CO., LTD., Farnborough, Kent. Tranco, Farnborough, Kent; Farnborough, Kent, 789.

Engine valves of various types, valve-guides and springs.

Sales Manager, **D. A. W. Lewis.** In attendance, **J. G. Barrett.**

437. FEENY AND JOHNSON, LTD., 134-136, Ealing Road, Wembley, Middx. Feejohn, Wembley; Wembley 4801.

Vacuum-servo braking system, and other specialities, such as battery components, couplings, hose clips, steering gears, disabled drivers' hand-control mechanism, and Marelli electrical equipment.

New.—Steering wheel control for caravan trailer brakes, Vacdraulic vacuum-servo for hydraulic brakes.

295. FERODO, LTD., Chapel-en-le-Frith, Stockport. Ferodo, Chapel-en-le-Frith; Chapel-en-le-Frith 250.

Ferodo brake and clutch linings, fan belts, brake testers, plastic gears, bushes, discs and engine mountings, Bendix, Girling, and Lockheed replacement brake shoes, and other kindred exhibits.

New.—Ferodo-lined Newton clutch plates.

Sales Managers: Home, **E. R. Pochin**, Export, **L. Clements**, and others.

279. FIRTH, THOS., AND JOHN BROWN, LTD., Atlas Works, Sheffield, 4. Atlas, Telex, Sheffield; Sheffield 20081.

Firth Brown alloy steels and manufactured components.

Sales Manager, **F. O. Mellors.** In attendance, **H. G. Bown, J. E. Ortton.**

289. FORGINGS AND PRESSWORK (BIRMINGHAM), LTD., Birch Road, Witton, Birmingham, 6. East 1262.

Light forged parts and components, e.g., gear blanks, connecting-rods, axle and rocker shafts, crown wheels and pinions, brackets, cover-plates, and the like.

Sales Manager, **R. M. Wilkinson.** In attendance, **Mack, Van Zyl.**

280. GANDY, LTD., Wheatland Works, Wallasey, Cheshire. Gandy, Birkenhead; Wallasey 9574.

Gandy brake and clutch linings, together with Gandybonded brake shoes, fan belts, transmission couplings, bonnet packing, stair treads and other kindred products.

Sales Manager, **M. H. Good.**

372. GEAR GRINDING CO., LTD., Cranmore Boulevard, Shirley, Birmingham. Orcutt, Birmingham; Shirley 2231.

Ground gears, splined shafts, gearboxes, and gear measuring tools.

Sales agents, **Alfred Herbert, Ltd.**, Coventry. In attendance, **D. M. Anderson, W. Goddard, A. Willetts.**

288. GIRLING, LTD., Kings Road, Tyseley, Birmingham, 11. Wonder, Birmingham; Acocks Green 2831.

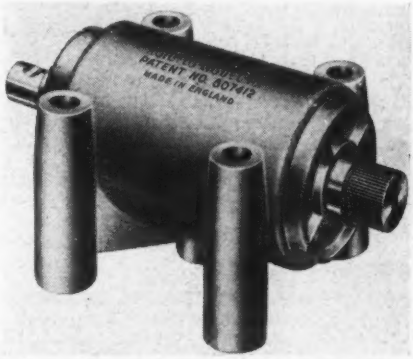
Girling hydraulic and mechanical brakes, hydraulic dampers in piston and telescopic models, bonded replacement brake shoes.

New.—H.T.S. two-trailing self-adjusting shoe brake, telescopic dampers with anti-aeration device.

235. GLACIER METAL CO., LTD., Ealing Road, Alperton, Wembley, Middx. Beaucoup, Wesphone, London; Perivale 4271.

Steel-backed thin- and thick-wall, bronze and other bearings, bushings, die-cast parts and fittings, washers, bronze bars, tin and lead base whitemetals, and kindred supplies.

Sales Manager, **G. Allen.** In attendance, **King, Poole, Ross, Price**, and others.



Rotoflo damper type H.1 (Stand 325).

233. GOODYEAR, W., AND SONS, LTD., Dudley, and Fort Dunlop, Erdington, Birmingham, 24.

Dunlop well-base rims, pressed steel disc wheels, as fitted by various leading car manufacturers.

265. GUEST, KEEN AND NETTLEFOLDS (MIDLANDS), LTD., Heath Street, Birmingham, 18. Nettlefolds, Birmingham; Smethwick 1441.

Extensive selection of bolts, nuts, screws, pins, washers, rivet bushes, and similar repetition work.

In attendance, **H. V. Bouldstridge, E. Hall, C. L. Valter, F. Woodhams.**

CHASSIS COMPONENTS

223. **HALL AND HALL, LTD.**, Oldfield Works, Oldfield Road, Hampton, Middx. Hallite, Hampton, Middx; Molesey 2180.

H. and H. copper-asbestos cylinder-head gaskets and jointings, Hallite motor jointings, Phiberoid oil and petrol jointing, cork inserts, radiator hose connections, rubber extrusions, and other kindred products.

292. **HALL AND NIELSEN, LTD.**, Beaver Mills, East Garden Street, Bury, Lancs. Brakes, Bury; Bury 953.

Bramec brake and clutch linings, together with brake shoes and clutch plates bonded by the Brabond process, also Brabond equipment.

In attendance, **B. C. and R. S. Hall, N. Mountford, F. H. Philpott.**

245. **HARDY, SPICER AND CO., LTD.**, Birch Road, Witton, Birmingham, 6. Autojoints, Birmingham; Birchfields 4504.

Hardy Spicer propeller shafts, Cardan joints, and flexible couplings.

Sales Manager, **K. E. Tatlow.**

293. **HEPWORTH AND GRANDAGE, LTD.**, St. John's Works, Bradford, Yorks. Rings, Bradford; Bradford 29595.

Hepolite cast iron and alloy pistons, Heplex aluminium-silicon alloy pistons, pins and rings, valve-seat inserts, and cylinder liners.

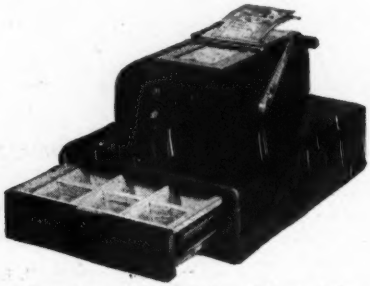
New.—Latest designs in pistons (W., S.W., and R.S.W. types), Vacron chrome-plated rings, kit sets.

Sales Director, **E. Hepworth**; Sales Manager, **J. H. Mallinson.**

316. **HOBBS TRANSMISSION, LTD.**, Sydenham House, 78, Russell Terrace, Leamington Spa, Warwicks. Hobbsgears, Leamington; Leamington 2082.

Hobbs epicyclic change-speed gearing and components, together with sectioned assemblies.

Sales Manager, **B. L. Oldfield.** In attendance, **H. F. Hobbs, H. Lord.**



Paragon sales register (Stand 448).

226. **HOYT METAL CO. OF GREAT BRITAIN, LTD.**, Deodar Road, Putney, London, S.W.15. Profanity, Wesphone, London; Vandyke 0406.

Hoyt anti-attrition bearings, bushes, general non-ferrous metal supplies and alloys, together with solders, fluxes, and like specialities.

442. **HUGHES-JOHNSON STAMPINGS, LTD.**, Langley Green, Birmingham. Engines, Langley, Worcs; Broadwell 1361.

Carbon and alloy steel components and various dropforged parts in, e.g., bronze, aluminium alloy, magnesium and nickel-chrome non-ferrous alloys.

London agent, **E. Wilde.**

290. **JACK, E. J., LTD.**, 154, Camden High Street, London, N.W.1.

Fafnir ball bearings, Kilian unground ball bearings, roller and needle bearings, plummer blocks and so forth.

282. **JAMES, W. G., LTD.**, 32-38, Osnaburgh Street, London, N.W.1. Mecanicien, London; Euston 5461.

Internal combustion engine valves in special steels, precision forged parts and fittings, valve guides, springs, cotters, and caps.

Sales Manager, **L. A. Green.** In attendance, **W. G. James** (Managing Director), and others.

285. **KELSEY-HAYES WHEEL CO., LTD.**, Chequers Lane, Dagenham, Essex. Kelsehayes, Dagenham Dock; Rainham 420.

Pressed steel car wheels, truck and other wheels, hub and brakedrum assemblies, brake shoes, oil sumps and clutch covers.

Sales Manager, **S. V. Trustrum.**

278. **KLINGER, RICHARD, LTD.**, Klingerit Works, Sidcup, Kent. Klingerit, Sidcup; Footscray 3022.

Klingerit asbestos jointing, Klinger-Oilit sheet jointing, silicone rubber gaskets, Klinger Lastic asbestos-synthetic rubber-bonded sheet jointing, cut gaskets and joints, and the like.

New.—Brake linings, Klinger spring-interlay.

Sales Manager, **H. Head.** In attendance, **Banks, Bennett, Chambers, Golding,** and others.

227. **LAKE AND ELLIOT, LTD.**, Albion Works, Braintree, Essex. Lake, Braintree; Braintree 81.

Millenium steel castings, wheel pullers,

Time for a replacement

Many of your customers have cars fitted with the Purolator 'Micronic' filter. Make sure that they have the necessary replacement when the time comes.

We back you up with effective advertising which you will have seen in the motoring journals.

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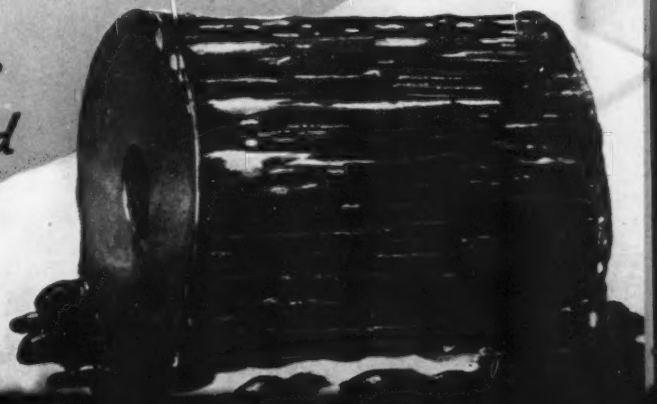
LEAMINGTON SPA, ENGLAND

PUROLATOR

Regd. Trade Mark

MICRONIC *Oil* FILTERS

Easily sold . . .
Easily fitted



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SHIM

CAR SHAMPOO & FILM REMOVER

- **SHIM** is the only film-removing agent guaranteed to remove silicones as well as wax, grease or other incompatible elements.
- **SHIM** leaves a perfectly degreased surface, ready for the application of normal solvents and then immediate sanding and preparation.
- **SHIM** is guaranteed by the foremost makers of silicone polishes to remove silicones, grease, wax, tar, etc.
- **SHIM** is economical — only ½ pint to 2 gallons of water is needed to completely treat a large car.

Most so-called wax polishes these days contain a preparation of silicones to impart a high finish and assist the spread of wax. You can never be sure that a car sent in for repainting does not have a skin of silicones on it which must be removed before repainting takes place.

NO OTHER FLUID OR SOLVENT CAN BE RELIED UPON TO REMOVE SILICONES, AND YOU CAN ONLY BE SURE BY USING SHIM.

1 Gallon of **SHIM** *costs only £2 . 5 . 0 (trade price)*

FACTORS PRICES ON APPLICATION

If any difficulty, write direct to

E. R. HOWARD LTD

"3-IN-ONE" WORKS, STOWMARKET, SUFFOLK

CHASSIS COMPONENTS

hydraulic and screw jacks, Midas jacks, Millenite brake drums.

In attendance, **L. W. Dands, E. L. Elliot, E. Smith.**

266. LAYCOCK ENGINEERING CO., LTD., Victoria Works, Millhouses, Sheffield, 8. Invention, Sheffield; Sheffield 70041.

Machined castings and dropforgings, Layrub propeller shafts, universal joints and clutch plates, screen wipers, exhaust boxes, Laycock-de Normanville overdrive gears.

Sales Manager, **R. M. Walker.**

229. LAYSTALL ENGINEERING CO., LTD., 53, Great Suffolk Street, London, S.E.1. Internally, London; Waterloo 6141.

Cromard cylinder liners, replacement and production crankshafts, reconditioned motor and chassis assemblies, reconditioned axle-springs, and exhibits of specialised welding repairs.

Sales Manager, **B. de Mattos.**

309. LEY'S MALLEABLE CASTINGS CO., LTD., Colombo Street, Derby. Leys, Derby; Derby 45671.

Malleable iron castings and components.

Sales Manager, **G. H. Parkinson.** In attendance, **K. Bowd, G. L. Nesbit.**

368. LOCKHEED HYDRAULIC BRAKE CO., LTD., Tachbrook Road, Leamington Spa, Warwicks. Lockheed, Leamington; Leamington 2700.

Lockheed hydraulic two-leading shoe brakes, components and fittings.

Sales Manager, **F. Rowarth.**

430. MANGANESE BRONZE AND BRASS CO., LTD., Elton Park Works, Hadleigh Road, Ipswich, Suffolk. Oilite, Ipswich; Ipswich 55415.

Self lubricating bearings, marine shafting and propellers, oil filters, non-ferrous metals supplies.

383. MARSTON EXCELSIOR, LTD., Paul Street, Fordhouses, Wolverhampton.

Car radiators and blocks, oil and water coolers, heaters, fuel tanks and like examples of sheet-metal work.

343. METALASTIK, LTD., Evington Valley Road, Leicester. Metalastik, Leicester; Leicester 37281.

Metalastik rubber-metal welded component parts and fittings, such as engine mountings, flexible drives, vibration dampers, and cardan shaft bearings.

Technical Sales Manager, **H. E. M. Hefford.**

370. MIDLAND MOTOR CYLINDER CO., LTD., Birmid Works, Dartmouth Road, Smethwick, 40, Staffs. Rafwork, Smethwick; Smethwick 1431.

Chromidium engine cylinder head castings, brake drums, Monikrom moulded camshafts.

Sales Manager, **H Hopkins.** In attendance, **F. H. Mayland, W. J. Norton, H. R. Perkins**

269. MORGAN, CROSSLEY AND CO., LTD., Tenoid Works, Hulme Hall Lane, Manchester, 10. Wick, Manchester; Collyhurst 1711.

Tenoid brake and clutch linings, lined brake shoes and clutch discs, bonnet webbing, and like products.

Sales Manager, **W. Wardle.**

16. MOSS GEAR CO., LTD., Crown Works, Tyburn, Birmingham, 24. Mosgear, Birmingham; Erdington 1661.

Synchromesh-type change-speed gearboxes, camshafts, hypoid-gear live axles and differentials, specimens of crown-wheel, pinion and gear work.

In attendance, **A. Richardson, H. Wheatley.**

236. NEWTON AND BENNETT (MOTOR PRODUCTS), LTD., Valetta Road, Acton, London, W.3. Newsorber, Ealux, London; Shepherd's Bush 3443.

Newton direct-acting telescopic shock-absorbers; Newton centrifugal clutches and clutch plates.

Sales Manager, **J. H. Naden.**

398. NEWTON, L. H., AND CO., LTD., Nechells, Birmingham, 7. Bolanut, Birmingham; East 1551.

Automatic and capstan lathe work, such as nuts, bolts, screws and rivets, washers, cold-forged parts and presswork, light wirework, and the like.

303. OMES, LTD., Beverley Works, Willow Avenue, Barnes, London, S.W.13. Omesheatly, Put, London; Prospect 2291.

Electrically-forged components, as, for example, gear blanks, axle shafts and torsion bars.

Sales Director, **A. L. Waugh.**

Every effort has been made to ensure the accuracy of this guide, but alterations to Stand arrangements are sometimes made at the last moment.

CHASSIS COMPONENTS

386. **PAPELIAN, R. M., LTD.**, Edgware Road, Cricklewood, London, N.W.2. Papelian, Phone, London; Gladstone 4255.

R.M.P. replacement components, Thompson engine parts and Vitameter; N.P.C. 4-speed automatic change-speed gear; Borg-Warner transmission gear and motor fittings, Perfect Circle piston rings and expanders, Autopulse fuel pumps, and the like.

281. **PAYEN, J., LTD.**, 228, Berwick Avenue, Trading Estate, Slough, Bucks. Joinpajus, Slough; Slough 21284.

Payen gaskets and jointing, Payenite gasket seal, oil seals, and the like.

Sales Manager, **E. E. Benwell.** In attendance, **R. Christie, P. G. W. Manning, L. T. Witcher,** and others.

416. **PERRY BARR METAL CO., LTD.**, Oscott Works, Great Barr, Birmingham, 22A. Perbarmet, Birmingham; Great Barr 1794.

Gearbox, clutch and gear carrier housing, oil pump, pipework, filter, pan and other alloy cast components and fittings.

307. **PHILIDAS, LTD.**, Ferrybridge, Knottingley, Yorks. Ballbearing, Ferrybridge, Knottingley; Knottingley 320.

Philidas self-locking nuts; Pollard ball and roller bearings.

Sales Manager, **F. H. Vanderpump.**

263. **PROJECTILE AND ENGINEERING CO., LTD.**, Acre Street, Battersea, London, S.W.8. Profectus, Claproad, London; Macaulay 1212.

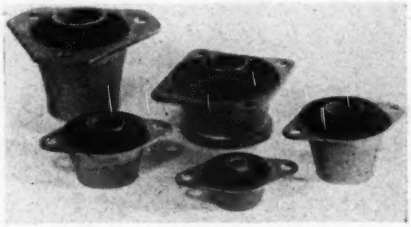
General pressed steel components and parts, for the trade, including Austin A40 and Humber Pullman car frames.

Sales Manager, **K. E. Morford.** In attendance, **C. G. Brown.**

267. **QUALCAST, LTD.**, Victory Road, Derby. Qualcast, Derby; Derby 2460.

Greyiron castings in sand and die-cast processes, such as cylinder-heads, gearboxes, brake drums, exhaust manifolds, shock-absorber bodies, hydraulic wheel cylinders, and the like, together with special cast-iron crankshafts.

Sales Manager, **R. H. Harris.** In attendance, **A. Dyos, F. A. Swabey, W. Turner.**



Metalastik Metacone mountings (Stand 343).

301. **RAYBESTOS-BELACO, LTD.**, Everite House, Southwark Street, London, S.E.1. Raybelac, Sedist, London; Waterloo 7031.

Raybestos brake and clutch linings, rivets and riveting tools, fan belts, and the like.

Sales Manager, **W. Lowe.**

439. **REGENT AXLE CO.**, Walshaw Street, Burnley, Lancs. Regentaxle, Burnley; Burnley 2478.

Regent axleshafts, crown-wheels, pinions, and gears.

Sales Manager, **R. Carnie.**

247. **RENOLD AND COVENTRY CHAIN CO., LTD.**, 28, Deansgate, Manchester, 3. Deansgate 6465.

Motor camshaft chain drive systems, chain adjusters, pinions and wheels.

237. **RUBERY, OWEN AND CO., LTD.**, Darlaston, South Staffs. Ruberowen, Telex, Darlaston; Darlaston 130.

Components, accessories and assemblies, including Sunbeam-Talbot 90 chassis, live-axle cases, trailer and caravan axles, front and back axle assemblies, car wheels and fittings, sumps, petrol tanks, various pressed steel parts, selection of bar products, including bolts, nuts and the like.

Sales Manager, **S. G. Sloan.** In attendance, **L. Fairey, G. Tonks, M. Montague,** and others.

15. **SALISBURY TRANSMISSION CO., LTD.**, Birch Road, Witton, Birmingham, 6. Salisaxle, Birmingham, 6; East 1459.

Salisbury hypoid bevel gear, live axles and assemblies.

231. **SANKEY, JOSEPH, AND SONS, LTD.**, Hadley Castle Works, Wellington, Salop.

Pressed steel chassis and other components, e.g., body panels, wheels, and welded assemblies.

296. **SERCK RADIATORS, LTD.**, Warwick Road, Greet, Birmingham, 11. Serckrad, Birmingham; Victoria 0531.

Specimens of general presswork, such as radiators, casings, tanks, heat exchangers, and oil coolers.

Sales Manager, **W. Rose**; Service Manager, **R. L. Colley.**

REMEMBER GENEROUSLY
SAT · NOV 10

DON'T OVERLOOK DOMINION!

Of course Dominion can't yet offer you Branded Spirit — but they *can* offer you a really valuable service useful to you in many unexpected ways. This Dominion service is backed by the full sales and service organisation of the National Benzole Co., Ltd. Why not get in touch with one of our Depots?

NATIONAL BENZOLE CO. LTD

WELLINGTON HOUSE · BUCKINGHAM GATE · LONDON · S.W.1

AGENTS FOR THE DOMINION MOTOR SPIRIT CO. LTD

CHASSIS COMPONENTS

275. **SERVAIS SILENCERS, LTD.**, Ashford Works, Ashford Road, Cricklewood, London, N.W.2. Servais, London; Gladstone 6789.

Servais exhaust silencers, pipes, vaporisers and fittings.

In attendance, **D. B. Johnson, E. Twinn.**

358. **SILENTBLOC, LTD.**, Victoria Gardens, Ladbroke Road, London, W.11. Silentbloc, Nottarch, London; Park 9821.

Silentbloc flexible bearings, engine and other mountings, flexible couplings, bushes, ball-end joints and links.

339. **SMALL AND PARKES, LTD.**, Hendham Vale Works, Harpurhey, Manchester, 9.

Brake and clutch linings, jointing materials, packings, hose and kindred products.

216. **SMITH'S STAMPING WORKS (COVENTRY), LTD.**, Ribble Road, Coventry.

Alloy and steel forged components, e.g., axles, crankshafts, con-rods, and gear blanks.

218. **SOLEX, LTD.**, Solex Works, 223-231, Marylebone Road, London, N.W.1. Solexcarb, Norwest, London; Paddington 5011.

Solex self-starting carburetters, replacement service kits, consumption testers, and flowmeters.

Sales Manager, **R. O'Clarey**; Export Manager, **P. Moore.**

367. **STEINER, E., LTD.**, 86, Snow Hill, Birmingham, 4. Dingdong, Birmingham; Central 8101.

Components and fittings, such as axle shafts, brake cables, flexible petrol and oil piping, hub caps, shackle-pins and bushes, starting handles, swivel pins and bushes, wheel studs and nuts, electrical fittings, and the like.

260. **STERLING METALS, LTD.**, Northey Road, Foleshill, Coventry. Stermet, Phone, Coventry; Coventry 89031.

Cylinder block and head castings, light alloy cast fittings.

Sales Manager, **F. Carpenter.** In attendance, **D. C. Harding, M. Pugh, C. Van Eugen.**

234. **S.U. CARBURETTER CO., LTD.**, Wood Lane, Erdington, Birmingham, 24. Carburflex, Birmingham; Erdington 2150.

S.U. carburetters and fuel pumps, including components and fittings.

351. **SUPER OIL SEALS AND GASKETS, LTD.**, Birmingham Factory Centre, King's Norton, Birmingham, 30. Oilseal, Birmingham; King's Norton 2041.

Oil and pump seals, cup rings, washers, hose, and mechanical mouldings.

407. **TEMPERED SPRING CO., LTD.**, Warren Street, Sheffield, 4. Tempered, Sheffield; Sheffield 21333.

Light press and spring work, such as coil suspension and valve springs, clutch and seat springs, bumper bar brackets, chain tensioner springs, and the like.

Sales Manager, **C. Hague.** In attendance, **W. E. Fryer, C. L. Metcalfe, F. A. Repen.**

336. **THOMPSON, JOHN, MOTOR PRESSINGS, LTD.**, Beacon Works, Wolverhampton. Motoframe, Wolverhampton; Bilston 41121.

Pressed steel chassis components, parts and fittings, including Alvis and Rover all-welded frames.

Sales Director, **H. E. Tudor.** In attendance, **T. J. Bromley, R. W. Lewis, E. Smith.**

363. **TRANSPORT BRAKES, LTD.**, Bath Road, Brislington, Bristol, 4. Transport, Bristol; Bristol 76077.

T.B.L. brake liners, clutch discs, boxed sets, complete with rivets, clutch stops, washers, discs, and plastic friction materials.

Sales Manager, **H. E. Trist.** In attendance, **W. T. Wilkes.**

409. **TRIST, HUBERT H. P., AND CO., LTD.**, Top Dog Works, Brislington, Bristol, 4.

Top-Dog clutch and brake linings.

325. **UNIVERSAL DAMPERS, LTD.**, Cranmore Boulevard, Shirley, Birmingham.

Rotoflo shock absorbers, in various models. New.—Telescopic damper.

441. **UNIVERSAL POWER DRIVES, LTD.**, Aintree Road, Perivale, Middx. Perivale 5688.

Rzeppa constant-velocity universal joints, in various sizes.

258. **VANDERVELL PRODUCTS, LTD.**, Western Avenue, London, W.3. Steelbak, London; Acorn 2251.

Steel-backed and bronze bearings, bushes, and kindred special products.

In attendance, **P. Douglas, E. W. Johnson.**

300. **VOKES, LTD.**, Henley Park, Guildford, Surrey. Vokesacess, Guildford; Guildford 62861.

Vokes air, oil and fuel filters, exhaust silencers, distribution rectifiers, spray-booth air-conditioning filters, and engine testroom oil filters.

Sales Manager, **J. Cairns.** In attendance, **T. Cathie, L. E. C. Stewart.**

On Stand 449

first public appearance of

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ABINGDON WORKS · KINGS RD · TYSELEY · BIRMINGHAM 11 · ENGLAND

CHASSIS COMPONENTS

414. **WELLWORTHY PISTON RINGS, LTD.**, Stanford Road, Lymington, Hants. Wellworthy, Lymington; Lymington 520.

Pistons, rings, pins and cylinder-liners, valve-seat inserts, alloy bearings, Al-Fin bimetallic bonding process, Wellseal jointing composition and the like.

308. **WHITELEY (RISHWORTH), LTD.**, Slitheroe Works, Rishworth, near Halifax, Yorks. Components, Ripponden; Ripponden 3145.

Light fittings and replacements, e.g., shackle and king pins, bushes, tie-rod ends, water pumps and repair kits, crownwheels, pinions, and universal coupling repair outfits.

312. **WOODHEAD, JONAS, AND SONS, LTD.**, 177, Kirkstall Road, Leeds, 4. Forge, Leeds; Leeds 20814.

Woodhead-Monroe shock absorbers, leaf, coil and disc springs, and torsion bars.

7. **YARWOOD, INGRAM AND CO., LTD.**, Parker Street Works, Edgbaston, Birmingham, 16.

M.M.D. spring-loaded clevis joints, high tensile steel studs for engine cylinder heads, main bearings, and kindred purposes.

225. **ZENITH CARBURETTER CO., LTD.**, Honeypot Lane, Stanmore, Middx: Zenicarbur, Norphone, London; Wordsworth 4343.

Zenith and Stromberg carburetters, conversion sets, master testing carburetters, replacement parts and component cabinets, petrol filters and fittings.

Sales Manager, **L. J. Spencer.**

54. **ZINC ALLOY RUST-PROOFING CO., LTD.**, Shakespeare Street, Wolverhampton. Zincaproof, Wolverhampton; Wolverhampton 20647.

Components and accessories rust-proofed on the Sherardizing system.

Coachbuilders' Supplies

332. **BAMBERGERS, LTD.**, 27-28, Finsbury Square, London, E.C.2.

Timber supplies for the coachbuilding trade, such as hard and soft woods, wallboard, veneers and plywoods.

241. **BEATON, G., AND SON, LTD.**, Beatonson House, Victoria Road, Willesden, London, N.W.10. Beatoneen, Harles, London; Elgar 7144.

Car windscreens, and windows for cars and caravans, portlights for boats, ventilating equipment, seating, and body components.

New.—S.V. Rapide caravan and boat windows.

Sales Manager, **C. Burr.**

330. **BOYRIVEN, LTD.**, 52-56, Torrington Place, London, W.C.1. Boyriven, Westcent, London; Langham 6265.

General coach hardware, upholstery cloths and leathercloth, carpeting, mats, rugs, loose covers and allied supplies.

Sales Manager, **C. Espinasse.**

89. **BRIDGE OF WEIR LEATHER CO., LTD.**, Clydesdale Works, Bridge of Weir, Renfrews.

General upholstery leathers.

329. **BRIFEX, LTD.**, Ashtead, Surrey. Brifex, Ashtead; Ashtead 32.

Leathercloths for upholstery and panelling purposes, in a variety of grains and colours.

Sales Manager. **A. N. Ellis.** In attendance, **C. Lyon, R. F. Taylor.**

88 **BRITISH INDESTRUCTO GLASS, LTD.**, 27-29, Park Royal Road, Willesden, London, N.W.10. Indestructo, Harles, London; Elgar 7761.

Indestructo windscreens and Indestructo Vinyl laminated safety glazing, together with curved and toughened glass.

Sales Manager, **Lord Strathcarron.** In attendance, **G. E. Astbury.**

270. **BROADFIELDS GARAGE AND ENGINEERING CO., LTD.**, Standard House, Cockfosters, Herts. Broadfield, Barnet; Barnet 7301.

Perfit loose car covers, in felt, cotton duck, Bedford cord and Tygan woven plastic.

Sales Manager, **Mr. Austen.** In attendance, **R. A. Hawkins** (Managing Director), **Kaye, Robson.**

305. **CHAPMAN, A. W., LTD.**, Ranelagh Gardens, Fulham, London, S.W.6. Leveroll, Wesphone, London; Renown 1372.

COACHBUILDERS' SUPPLIES

Leveroll, Busella and Leverex adjustable seating for cars and boats.

Directors, **J. Harrison, D. G. Northam.** In attendance, **A. J. Adams, D. G. Benstead, S. J. Freeman, A. J. Waghorn.**

242. **CONNOLLY BROS. (CURRIERS), LTD.,** 39-43, Chalton Street, Euston Road, London, N.W.1. Cowhide, Phone, London; Euston 1661.

Upholstery leather in various colours and finishes, including Celstra and Vaumol qualities.

Sales Manager, **B. S. Murphy.**

420. **COOPER AND CO. (BIRMINGHAM), LTD.,** Felt Works, Little King Street, Birmingham, 19.

General felt productions in, e.g., rolls, sheets, gaskets, washers, and polishing bobs.

403. **COX AND CO. (WATFORD), LTD.,** Watford By-Pass, Watford, Herts. Coxanco, Phone, Watford; Watford 5631.

Body fittings, including windscreens, adjustable tubular seating, and specimens of bent tube work, hood frames, trimmed hoods, and sidescreens.

New.—Adjustable seats, fitted with new type ball-bearing slides.

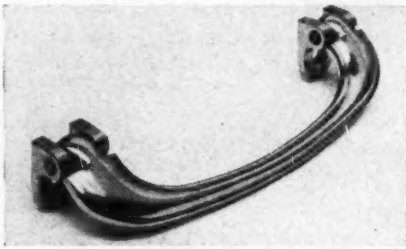
Sales Manager, **J. Dale.** In attendance, **F. S. Martin, H. T. Van Uden.**

238. **DOCKER BROS.,** Rotton Park Street, Birmingham, 16. Edgbaston 4111.

Dockers' synthetic and cellulose lacquers, coachwork liquid and wax polishes, and cleaning compositions.

395. **FIRTH, T. F., AND SONS, LTD.,** Flush Mills, Heckmondwike, Yorks. Firth, Heckmondwike; Heckmondwike 482.

Cloth upholstery, carpeting, matting and rug supplies for coachbuilders.



Wilmot-Breeden grab handle (Stand 378).

259. **GENERAL AND INDUSTRIAL PAINTS, LTD.,** Ormonde House, 26-27, St. James's Street, London, S.W.1. Ormolac, Piccy, London; Whitehall 7134.

Glasso synthetic enamels, cellulose and metalescent finishes, liquid and wax polishes.

Sales Manager, **F. W. Lown.**

78. **GLIKSTEN, J., AND SON, LTD.,** Carpenters Road, Stratford, London, E.15. Gliksten, Phone, London; Amherst 4444.

Timber supplies, including hard and soft woods, veneers, panels, plywood, and hardboard.

391. **HAIRLOK CO., LTD.,** 117, Victoria Street, London, S.W.1. Victoria 3511.

Hairlok paddings, squabs, armrests, and sheeting, Texafoam overlays, car seats, and so on.

Sales Manager, **L. Thompson.** In attendance, **F. M Hindle, A. E. Kingston, E. L. Perkins.**

440. **HALFORD, H. AND E., LTD.,** 1501, Pershore Road, Stirchley, Birmingham, 30. Luxuride, Birmingham, 30; King's Norton 1991.

Bucket and bench seats and frames, cushioning, squabs, and the like, together with wings, running-boards, petrol tanks and allied sheet metal work.

Sales Manager, **W. J. Adcock.** In attendance, **L. A. Ward.**

342. **HALLAM, SLEIGH AND CHESTON, LTD.,** Widney Works, Bagot Street, Birmingham, 4. Superfine, Birmingham; Aston Cross 0914.

Coach hardware, seating, fittings, windscreen glazing, foam cushioning, locks, mirrors, and kindred accessories.

314. **IMPERIAL CHEMICAL INDUSTRIES, LTD. (LEATHERCLOTH DIVISION),** 149, Park Lane, London, W.1.

Rexine and Vynide imitation leathercloths for upholstery, trimming, panelling and other purposes.

346. **IMPERIAL CHEMICAL INDUSTRIES, LTD. (METALS DIVISION),** 149, Park Lane, London, W.1.

Bronze, brass, copper and alloy metal supplies, in sheets, extrusions, sections, rods, bars, strip, and tubing.

313. **IMPERIAL CHEMICAL INDUSTRIES, LTD. (PAINTS DIVISION),** 149, Park Lane, London, W.1.

Belco, Metallichrome and other lacquers, together with Dulux stoving finishes, for the coachbuilding trade.

COACHBUILDERS' SUPPLIES

90. **INTALOK, LTD.**, Redfern Road, Tyseley, Birmingham, 11.
Intalok spring car seating, caravan and motor-boat mattresses.

432. **LACE WEB SPRING CO., LTD.**, Sandiacre, near Nottingham. Lace Web, Sandiacre, Nottingham; Sandiacre 2133.
Marshall's lace-web seating and springing, Fome cushioning, trim sections and pads, tubular car seats.
London Manager, **J. E. Wycherley.** In attendance, **R. H. Newcombe, C. Payne.**

10. **LATEX UPHOLSTERY, LTD.**, 41, Lonsdale Road, Westbourne Grove, London, W.11. Bayswater 6262.
Latex foam rubber cushioning, seat upholstery for cars, caravans and boats, fixed and adjustable car seats.
Sales Manager, **E. G. Barter.** In attendance, **J. A. West.**

324. **MANSELL AND ADAMS, LTD.**, Arcadia Avenue, Finchley, London, N.3.
Upholstery cloths, carpets, general coach hardware and fittings.

6. **MASONITE, LTD.**, Bevis Marks House, Bevis Marks, London, E.C.3. Etinosam, London; Avenue 2846.
Masonite Presdwood panelling and insulating board and the like for caravans and boats.

429. **MOTOR PANELS (COVENTRY), LTD.**, Holbrook Lane, Coventry. Motor Panels, Coventry; Coventry 88061.
Pressed metal work, such as body shells, doors, wings and bonnets.

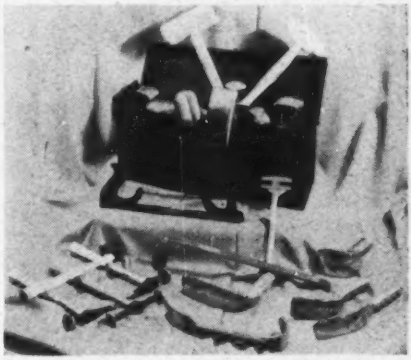
70. **MUIRHEAD, ANDREW, AND SON**, 275, Dunn Street, Glasgow, S.E. Tanners, Glasgow; Bridgeton 3724.
Upholstery hides for the coachbuilding trade.

408. **PINCHIN, JOHNSON AND CO.**, 4, Carlton Gardens, London, S.W.1.
Stoving and cellulose finishes for the coachbuilding trade.

319. **QUICKTHO (1928), LTD.**, Point Pleasant, Wandsworth, London, S.W.18. Quicktho, Put, London; Vandyke 4115.
Body fittings, such as screen and window-regulators, and ventilators, also screens, windows, and window fittings for motor boats.
Sales Director, **A. J. Nasmyth.** In attendance, **A. G. Hill, T. J. Williams.**

74. **SILENT CHANNEL CO., LTD.**, Ferrars Road, Huntingdon. Huntingdon 292.
Flexible and rigid G.B. silent channel, contour and draught strip, together with rubber mouldings of various types.

334. **SPLINTEX SAFETY GLASS, LTD.**, Nightingale Road, Hanwell, London, W.7. Splintex, Ealux, London; Ealing 6711.
Splintex laminated and toughened safety glazing, plastic lighting and interior fittings, visors and tempered glasses.
Sales Manager, **S. A. Colbourn.** In attendance, **S. C. Errington, W. E. Hislop.**



New Warwick No. 583 de luxe panel-beating set (Stand 469).

384. **STEDALL AND CO., LTD.**, Broad Street House, 164, High Holborn, London, W.C.1. Stedall, Westcent, London; Temple Bar 1540.
Car body, caravan and boat fittings, upholstery materials, carpets and cloths, synthetic paints and enamels, Willey's Speed-spray imitation cellulose lacquer, general accessories, plant, tools, and like supplies.
Sales Manager, **H. V. Gall.**

315. **THORNLEY AND KNIGHT, LTD.**, Bordesley Green Road, Birmingham, 9. Thornley, Phone, Birmingham; Victoria 2244.
Cellulose lacquers, synthetic finishes, stoving enamels, paints, and the like.
New.—Tekavite top-speed enamel.
Sales Manager, **C. Knowles.** In attendance, **J. Bull.**

341. **TRIPLEX SAFETY GLASS CO., LTD.**, 1, Albemarle Street, London, W.1. Tripsaglas, Telex, London; Regent 8171.

COACHBUILDERS' SUPPLIES

Triplex laminated and toughened safety glazing for screens, windows, visors, and other applications.

75. **TURNER, ERNEST (LONDON), LTD.**, Northdown House, Northdown Street, London, N.1. Gorgeous, London; Terminus 6674.

Upholstery and head cloths, carpeting, general coach hardware and fittings, cellulose and other lacquers, together with kindred supplies for the trade.

New.—Turzog hood material.

Sales Manager, **A. J. Morris.**

87. **WEATHERSHIELDS, LTD.**, 48, Moor Street, Birmingham, 4. Quipit, Birmingham; Midland 2074.

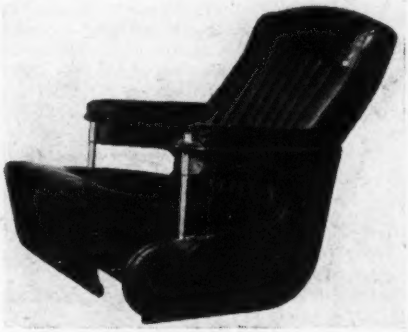
Windscreens, sliding roofs, head and hood fittings, locks, bumpers, ventilators, seats, cushions, and like equipment.

New. — Heating-ventilating system for small cars, Zeff ventilators.

353. **WILLENHALL MOTOR RADIATOR CO., LTD.**, Station Works, Neachells Lane, Willenhall, Staffs. Wilmorad, Willenhall; Wolverhampton 31214.

General sheet metal work, e.g., bonnet tops, body panelling, running-boards, and wings.

Sales Manager, **F. S. Evans.** In attendance, **J. Robinson, F. D. Stott.**



Chapman reclining seat (Stand 305).

Electrical Equipment

410. **AUTOCAR ELECTRICAL EQUIPMENT CO., LTD.**, 32-34, Albert Embankment, London, S.E.11. Autodublee, Lamb, London; Reliance 3861.

General electrical equipment by Autolite, Carter, Eisemann, Borg, Weidenhoff, Scintex, Auteroche and others, including also Autocar puller presses, timing lamps, test sets, growlers and the like.

New.—Mica undercutter and Power stroboscopic timing light.

Sales Manager, **C. Travers.** In attendance, **E. H. Ford, H. Mathews.**

230. **BRITISH THOMSON-HOUSTON CO., LTD.**, Rugby, Warwicks; Alma Street, Coventry. Asteroidal, Coventry; Coventry 4101; Rugby 2121.

B.T.H. magnetos, impulse starters, fractional electric motors, electric garage and workshop equipment, speed indicators, Mazda lighting bulbs, industrial electric motors up to 40 h.p., and other associated special manufactures.

Sales Manager, **E. Sayers.**

427. **BUTLERS, LTD.**, Atlantic Works, Grange Road, Small Heath, Birmingham, 10. Vanquisher, Birmingham; Victoria 2164.

Atlantic car, caravan and boat lighting outfits, including head and other lamps, searchlights, and lighting fittings.

New.—Spotlight, type 1373.

Sales Manager, **Mr. Bunch.** In attendance, **Goode, Hayward, Norman,** and others.

249. **C.A.V., LTD.**, Warple Way, Acton, London, W.3. Vanteria, Telex, London; Shepherd's Bush 3111.

C.A.V. dynamos, starters, batteries, fuel filters, lamps and lights, couplings, oil engine fuel pump equipment, and the like.

444. **CAMEL ACCUMULATORS, LTD.**, 61, Church Street, Gatley, Cheshire. Camelac, Cheadle; Gatley 4221.

Duralife starting and lighting batteries.

New.—Standard car-starter batteries.

Sales Managers, **Corbett, Hunter.**

354. **CEAG, LTD.**, Queens Road, Barnsley, Yorks. Ceag, Barnsley; Barnsley 2208.

Lumax lamp bulbs, portable electric lamps, transformer units, safety torches, and other kindred exhibits.

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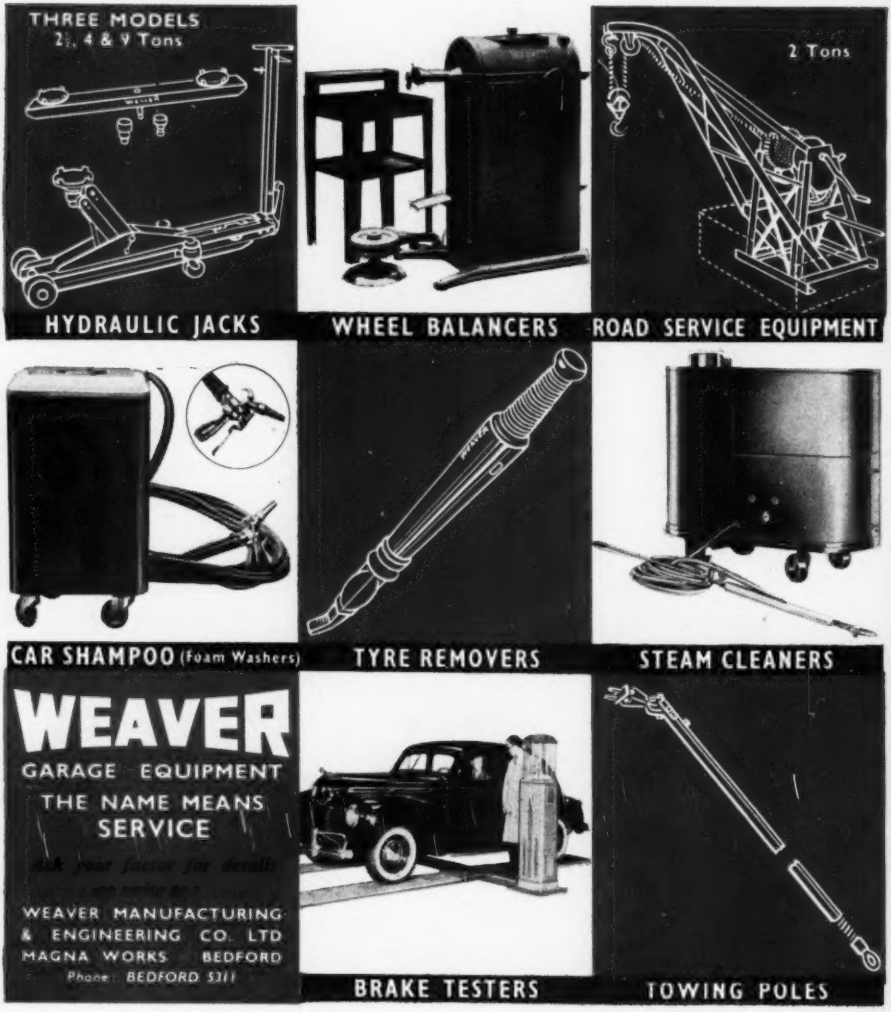

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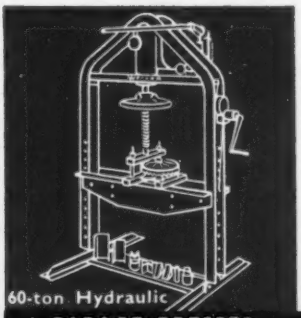
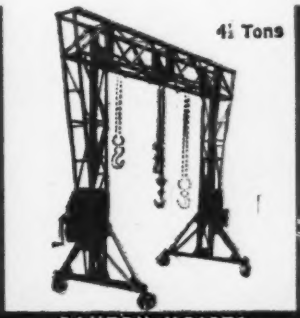
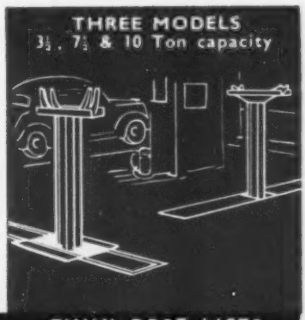
own staff in the United Kingdom and Ireland and by our exclusive distributors in many other countries who are appointed for their ability and service facilities. WEAVER SERVICE and TECHNICAL ADVICE is instantly available from our friendly representatives situated at Bedford, Belfast, Birmingham, Cardiff, London, Manchester and Glasgow. ASK YOUR LOCAL FACTOR or write to Magna Works, Bedford.



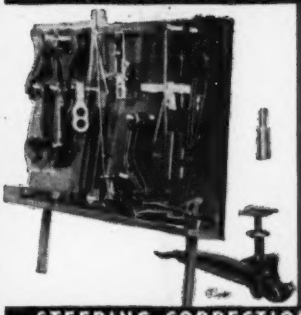
GARAGE PRESSES

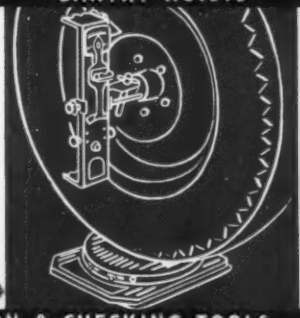


GANTRY HOISTS

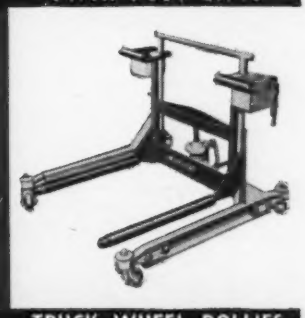


TWIN POST LIFTS

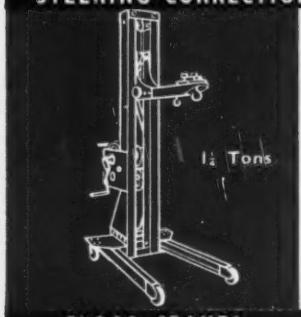




STEERING CORRECTION & CHECKING TOOLS



TRUCK WHEEL DOLLIES



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ELECTRICAL EQUIPMENT

Sales Managers, W. G. Rawlins, G. Shearmur. In attendance, J. E. Davies, P. E. Featherstone, R. D. Holroyde, and others.

355. **CHAMPION SPARKING PLUG CO., LTD.**, Feltham, Middx. Champlug, Phone, Hounslow; Hounslow 4494.

Champion sparking plugs in various models, 14 and 18 mm. thread diameters, plug cleaning and testing sets, gap adjusting tool, and waterproof plug covers.

Sales Manager, G. P. Baldwin.

357. **CHLORIDE BATTERIES, LTD.**, Exide Works, Clifton Junction, near Manchester. Chloridic, Pendlebury; Swinton 2011.

Exide 6- and 12-volt starting, ignition and lighting batteries.

Sales Manager, E. Powell.

445. **CLAUDET, F., LTD.**, 23, Gloucester Way, Clerkenwell, London, E.C.1. Ignition, Smith, London; Terminus 4455.

Electrical equipment and supplies, such as distributor contact sets and caps, condensers, rotors, magneto contact breakers, self-lubricating bushes, coils, carbon brushes, and so on.

Sales Manager, B. O. Savill. In attendance, H. V. Dewing, W. P. Hassall, E. L. Ostara.

86. **COLE, E. K., LTD.**, Ekco Works, Southend-on-Sea, Essex. Ekco, Southend-on-Sea; Southend 49491.

Ekco car radio sets in various models, together with aerials, fittings and accessories.

Sales Manager, G. W. Godfrey; car radio department manager, C. L. Calger.

393. **COMMERCIAL IGNITION CO., LTD.**, Great West Road, Brentford, Middx. Ignimags, Brentford, Hounslow; Ealing 2268.

Electrical fittings and parts, such as rotors, condensers, distributor covers, coils, carbon holders, switches, motors, bearings, Bakelite moulded components, together with various new additions to the exhibitors' range of products.

Sales Manager, S. A. Hill. In attendance, R. Aston, A. C. Hancox, F. Walker.

360. **COUNTY ELECTRICAL SERVICES, LTD.**, 151, Merton Road, Wandsworth, London, S.W.18. Putney 1305.

Exhibit of proprietary accessories and components as manufactured by Lucas, C.A.V., B.T.H., Delco, and other leading producers.

Service Manager, Mr. Goddard.

390. **COX AND CO. (R.W.), LTD.**, Park Way and Delancey Street, Camden Town, London, N.W.1. Gulliver 4461.

Factoring exhibit of leading proprietary productions by, e.g., Crypton, Delco-Remy-Hyatt, C.A.V., Lucas, Ferodo, Philco, and the like.

Sales Manager, W. T. Whiting.

364. **EDISON SWAN ELECTRIC CO., LTD.**, 155, Charing Cross Road, London, W.C.2. Ediswan, Westcent, London; Gerrard 8660.

Ediswan batteries, lighting bulbs, battery repair outfits, Tungar battery chargers, wiring, cables and leads.

Sales Managers: Batteries, A. G. Bradbury; Lamps, F. E. C. Miller; Tungar, E. W. Crunden.

404. **EXPRESS ELECTRICAL SERVICES, LTD.**, 17, Downend Road, Fishponds, Bristol. Bristol 54205.

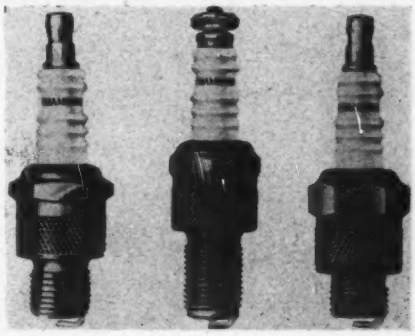
Factor's display of accessories, equipment and fittings by C.A.V., Lucas, B.T.H., Delco, Lodge, K.L.G., and other leading producers.

381. **GILL, WILLIAM, AND CO., LTD.**, 111, Islington Row, Birmingham, 15. Armacoil, Birmingham; Midland 1381.

Electrical components and fittings, such as batteries and dynamo and starter field coils.

338. **K.L.G. SPARKING PLUGS, LTD.**, Cricklewood Works, Cricklewood, London, N.W.2. Speedofac, Telex, London; Gladstone 3333.

K.L.G. sparking plugs in various models



Champion J8, NA-8 and L-10 plugs (Stand 355).

ELECTRICAL EQUIPMENT

and types for special purposes, including watertight plugs.

Trade Sales Director, S. E. Burlington; Sales Manager, J. H. Hall, and others.

244. **LODGE PLUGS, LTD.**, St. Peter's Road, Rugby. Lodge, Rugby; Rugby 2076.

Lodge Sintox-insulated sparking plugs in various models, insulated shockproof terminal covers.

New.—Watertight terminal covers.

Sales Manager, B. D. Bacon; Assistant Sales Manager, S. M. Thompson; Home Sales Manager, R. Goode.

311. **LUCAS, JOSEPH (SALES AND SERVICE), LTD.**, Great Hampton Street, Birmingham, 18. Lucas, Telex, Birmingham; Central 5050.

Replacement and spare parts for servicing Lucas electrical car equipment.

250. **LUCAS, JOSEPH (ELECTRICAL), LTD.**, Great King Street, Birmingham, 19. Lucas, Telex, Birmingham; Northern 5252.

Lucas starting and lighting equipment.

297. **LUCAS, JOSEPH (BATTERIES), LTD.**, Formans Road, Sparkhill, Birmingham. Springfield 4422.

Lucas batteries and accessories, also component parts.

423. **MAGLEN, A. P., LTD.**, Trafford House, 41, Trafford Road, Leicester. Autolites, Leicester; Leicester 67817.

A.P.M. Lamps and transformer bulbs, car heaters, garage and inspection lamps, battery chargers, fluorescent light fittings, ignition cables, coils, and other electric equipment.

Managing Director, W. R. Preston. In attendance, C. England, W. Norton, G. E. Steel, and others.

Oldham heavy-duty starter battery (Stand 371).

272. **MARCHAL DISTRIBUTORS, LTD.**, Brook Lane North, Great West Road, Brentford, Middx. Marchal, Brentford; Ealing 3671.

Marchal car lamps, together with a variety of lights and car lighting equipment.

New.—Musical horn.

Sales Manager, S. B. Whiteley.

"The G. and M. A."

Stand is No. 56, on the left just inside the main Warwick Road entrance

Call and see us!

371. **OLDHAM AND SON, LTD.**, Denton, Manchester. Oldhams Denton; Denton 2431.

Oldham starting and lighting batteries, garage battery-charging equipment.

New.—30-volt battery charger.

Sales Manager, A. Eyre.

397. **PARK BROS., LTD.**, Brunswick Works, Canterbury Street, Blackburn, Lancs. Parkbro, Blackburn; Blackburn 49241.

Park heavy-duty and super-service car batteries, marine batteries, and electrical accessories, such as armatures, rotors, contact sets and switches.

New.—Hard rubber battery containers.

Sales Manager A. Richards. In attendance, K. A. Park, B. Reich, J. Walker.

412. **PETO AND RADFORD**, 50, Grosvenor Gardens, London, S.W.1. Sales Concessionaires: Holson Batteries, Ltd., 137, Victoria Street, London, S.W.1. Holsonbat, Sowest, London; Victoria 1431.

Dagenite 6- and 12-volt batteries and their component parts.

New.—Dual-Life batteries.

421. **PHILIPS ELECTRICAL, LTD.**, Century House, Shaftesbury Avenue, London, W.C.2. Phillamps; Gerrard 7777.

Motoradio wireless sets in various models; car lamps and lights; battery charging sets; electrical fault-finders.

EARLS COURT
STAND Nº 495

THE NEW
MONARCH
LUBRICATOR

The Sensation of the Show — Presented by

UNI-GUN

UNI-GUN LUBRICATING EQUIPMENT LTD. COOMBE BRIDGE WORKS, KINGSTON BY-PASS, S.W.20.

ELECTRICAL EQUIPMENT

239. **RIPAULTS, LTD.**, Southbury Road, Enfield, Middx. Ripaults, Enfield; Howard 1811.

Ripault starting, lighting and ignition cables, cable storage outfits, harness assemblies, wiring accessories, bonnet fasteners, sleeving, braid, clips, and the like.

Sales Manager, F. R. Madell.

320. **RIST'S WIRES AND CABLES, LTD.**, Lower Milehouse Lane, Newcastle, Staffs. Rist, Newcastle, Staffs; Newcastle, Staffs 69212.

Wiring harness looms, electric cables and leads, coils, condensers, battery parts, and like supplies.

Sales Manager, C. Morris; Managing Director, A. Rist; Director, F. Moon.

352. **RIVAL LAMPS, LTD.**, Hamm Moor Lane, Weybridge, Surrey. Rivallite, Weybridge; Weybridge 3226.

Lamp bulbs in a variety of models and types.

Sales Manager, A. F. Engelen.

417. **SCINTILLA, LTD.**, 20, Carlisle Road, The Hyde, Hendon, London, N.W.9. Scintimag, Hyde, London; Colindale 8844.

Scintilla vertical and horizontal magnetos, starters, dynamos, switchboards, indicators, horns, lamps, electic tyre inflators, general accessories, and Lesto portable electric tools.

Sales Manager S. L. Bagnall. In attendance, F. Barrington, L. W. Clarke.

Next Week

DESCRIPTIONS of the exhibits in the Private Car, Coachwork, Motor-Boat and Caravan Sections of the London Motor Show will be given in our October 20th issue, forming Part 3 of our To-the-Point Trade Guide and Directory.

This will be followed, in our October 27th issue, by an analytical review of the tendencies in car design, as revealed by the Earls Court exhibits, by John Armstrong.

See last week's issue for Part 1 of the Guide—our Stand-Locator and Gazetteer of Exhibitors.

243. **SIMMS MOTOR UNITS, LTD.**, Oak Lane, East Finchley, London, N.2. Simotunit, Eastfinch, London; Finchley 2262.

Simms electrical equipment, including motors, dynamos, starters, coils, fittings and accessories, together with oil filters, fuel pumps and pump injection gear, lamps, lights, switches, control boards, and other associated products.

Sales Manager, A. Piggott; Service Manager, H. A. Stoneman; Sales Engineer, G. Dodds, and others.

345. **SMITH, S., AND SONS, (RADIO-MOBILE), LTD.**, 179-185, Great Portland Street, London, W.1. Mobilerad, Wesdo, London; Langham 5271.

K.L.G. Sparking plugs: F.20 left, F.50 centre and F.100 right (Stand 338).

H.M.V. car radio sets, in various models, together with general wireless fittings and accessories.

New.—Combinations of four main components to give different models.

Sales Manager, T. Milne; Asst. Sales Manager, J. Holloway; Dealers' Sales Manager, H. M. Percy.

405. **TUNGSTONE PRODUCTS, LTD.**, 3, St. Bride's House, Salisbury Square, London, E.C.4. Typify, Fleet, London; Central 8156.

Tungstone starting and ignition batteries; storage batteries for garage lighting and charging plants.

Sales Manager, G. C. Taylor.

255. **WICO-PACY SALES CORP., LTD.**, Denbigh Road, Bletchley, Bucks. Wicomagsco, Bletchley; Bletchley 320.

Wipac and Wico vertical magnetos, sparking and heating plugs, oil cleaners, petrol filters, horns, light switches and kindred electric equipment.

New.—Range of Wipac sparking plugs; twin-spark flywheel magneto; oil engine heater plug; oil-cleaner outfits for Jowett and Triumph cars.

Sales Manager, D. A. Pacy; Service Manager, J A. Duncan, and others.

Lifelines of the world's finest cars

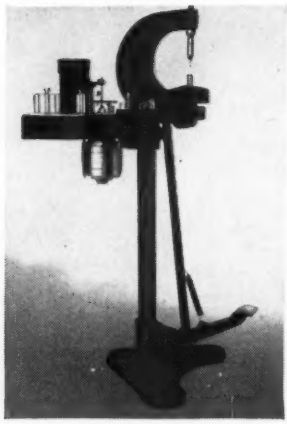
Aerialite, the name that means so much in so many tongues where Automobile Cables are concerned. Scientifically controlled at every stage, Aerialite Auto Cables are giving dependable service to users throughout the world. An attractive portable display stand is offered free with orders for cables. It's a first-class sales-winner, so write for details. Sample cards and price lists also forwarded on request.

Car Aerials—there are no less than nine specially designed models in the Aerialite range which include models for fitting on the roof, rear bumper, underneath the running board or to the side of the car.

Aerialite

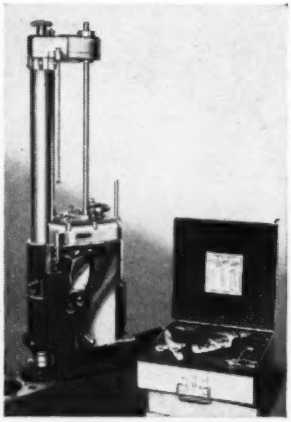
the world's finest Auto Cables.

AERIALITE LTD., CASTLE WORKS, STALYBRIDGE, CHESHIRE, ENGLAND



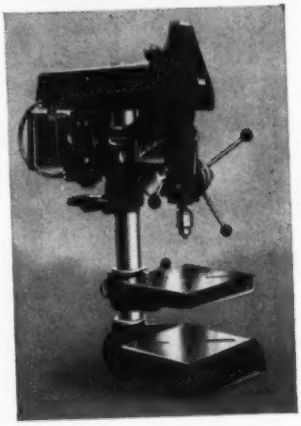
THE WANDESS RIVETING COUNTERSINKING AND GRINDING MACHINE Incorporates new features providing for quick and efficient handling of brake and clutch lining renewals. Special countersinking and grinding units can be supplied separately for fitting to existing machines. Riveting machine complete with tools and punches 12 gns. Countersinking and grinding unit complete with motor, 45 gns.

THE WANDESS CYLINDER BORING BAR—Three models available covering cylinder boring from 1.9" to 6.6" diameter. Accurate sleeving cuts up to 0.125" in one operation. Independent screw feed. Accuracy of 0.0002" ovality and taper. Detachable direct reading micrometer. Built-in tool lapping jig. Each model supplied complete with micrometers and tool kit. Models 1A and 2A, 149 gns. each. Model 3A 229 gns.



THE WANDESS CENTRE LATHE Two models available. 4" with 12" swing and 19" between centres, bench type 148 gns., cabinet type 165gns. With 31" between centres, bench type 179 gns., cabinet type 197 gns. A 5" model with 14" swing and 31" between centres will shortly be available.

THE WANDESS DRILLING MACHINE Bench and pedestal models are available and each unit is completely self-contained with built-in motor and starter switch. Will efficiently handle drilling, reaming, lapping and counter-boring operations in ferrous and non-ferrous metals, plastics, woods and other materials. Bench model 44 gns.



DO THE JOB YOURSELF AND INCREASE YOUR PROFITS WITH WANDESS PRECISION EQUIPMENT

These labour-saving, profit-making machine tools are built by precision engineers. They are capable of hard, continuous work and will quickly pay for themselves in the increased profits they bring. No garage or service station should be without these Wandess machines. They are complete with motor and switchgear. Motors to suit all normal supply voltages are available.

VISIT STAND NO. 447 AT "THE MOTOR SHOW"

"Wandess" PRECISION MACHINE TOOLS

Sole Sales Concessionaires of Wandess Equipment

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Branches: STENOR LIMITED, 194, CORPORATION STREET, BIRMINGHAM, 4
STENOR LIMITED, 13, EAST PARADE, LEEDS, YORKS.
STENOR LIMITED, 48, WEST PRINCES STREET, GLASGOW, C.4

MANUFACTURED BY WHATTON & SONS, LTD., PRECISION ENGINEERS, WOLVERHAMPTON.

CRC1A

ELECTRICAL EQUIPMENT

387. **WORLD RADIO, LTD.**, Edgware Road, Cricklewood, London, N.W.2. Papelian, Phone, London; Gladstone 4255.

Motorola car radio equipment, fittings and accessories; car heaters and fittings.

321. **YOUNG ACCUMULATOR CO., LTD.**, Crompton House, Aldwych, London, W.C.2. Crompark, Estrand, London; Chancery 3333.

Young starting and lighting batteries, together with special types for marine use, and battery-packings.

Sales Manager, **F. W. Roberts.** In attendance, **G. E. Bradbury, G. Calcott, C. G. Freegard**, and others.

Tyres & Rubber Products

207. **AVON INDIA RUBBER CO., LTD.**, Melksham, Wilts. Mabledon Place, London, W.C.1. Avonnes, Phone, London; Euston 2201.

Avon H.M. tyre-covers, tubes, and kindred products.

211. **BERGOUGNAN TYRE CO., LTD.**, 95-100, White Lion Street, London, N.1. Bergolois, Nordo, London; Terminus 5358.

British Bergougnan Silent Safety low-pressure car tyres and inner tubes in a representative range.

Sales Manager, **A. J. Shaughnessy.**

202. **BRITISH TYRE AND RUBBER CO., LTD.**, Herga House, Vincent Square, London, S.W.1. Britgoods, Telex, London; Victoria 3848.

B.T.R. Gilt-edged tyre-covers and tubes, fan and dynamo belts, engine mountings, bonded body components, flexible tubing, Cutless marine bearings, radiator and other hose.

206. **DAVIES TYRE CO., LTD.**, Davies Works, The Hyde, Hendon, London, N.W.9. Davieskord, Norphone, London; Colindale 8614.

Davies standard and heavy-duty tyre-covers and inner tubes.

Sales Manager, **F. D. Davies.** In attendance, **R. Costella, A. E. Pollock, D. Davies**, and others.

212. **DOMINION RUBBER CO., LTD.**, 62-64, Horseferry Road, London, S.W.1. Khartoum, Sowest, London; Abbey 2053.

Dominion Royal de luxe and Royal Air Ride tyres, vented inner tubes, general rubber accessories.

Sales Manager, **L. J. Evans**; Tyre Division, **G. A. Fairweather.** In attendance, **G. R. Basford, E. C. Bell, J. A. Boyd**, and others.

213. **DUNLOP RUBBER CO., LTD.**, Erdington, Birmingham, 24.

Dunlop tyres in all types, inner tubes, well-base rims, and the like.

208. **FIRESTONE TYRE AND RUBBER CO., LTD.**, Great West Road, Brentford, Middx. Firestone, Brentford, Hounslow; Ealing 3456.

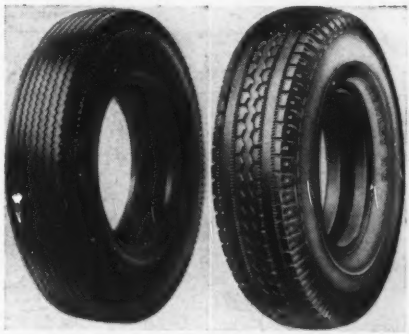
Firestone de luxe tyres and inner tubes, Super-Balloon tyre-covers, rubber-metal bonded parts, tyre accessories, and repair supplies.

205. **GOODYEAR TYRE AND RUBBER CO. (GREAT BRITAIN), LTD.**, Bushbury, Wolverhampton. Gotyruco, Wolverhampton; Wolverhampton 22321.

Goodyear tyres, including Eagle and Super-Cushion types, together with Lifeguard safety inner tubes.

203. **HENLEY'S TYRE AND RUBBER CO., LTD.**, Gravesend, Kent; Milton Court, Dorking, Surrey.

Henley tyres, tubes, fittings and accessories.



Left: Firestone de luxe tyre (Stand 208); right: new Henley S.G. super cushion tyre (Stand 203).

TYRES AND RUBBER

204. INDIA TYRE AND RUBBER CO., LTD., Inchinnan, Renfrews. Indiatyre, Renfrew; Paisley 4141.

India and India Super tyres, India Air Cushion tyres, in all standard sizes.

Sales Manager, **T. K. Lawler.** In attendance, **S. Evans, L. Jerman, E. A. Taylor,** and others.

215. JOHN BULL RUBBER CO., LTD., Evington Valley Mills, Leicester. Swiftness, Leicester; Leicester 36531.

John Bull tyre-covers and inner tubes, radiator hose, fan belts, snow-grips, hood dressing, and kindred products.

New.—Bullastik all-purpose flexible adhesive.

Sales Director, **T. T. Laker.** Regional representatives.

210. MICHELIN TYRE CO., LTD., Stoke-on-Trent. Pneumiclin, Stoke-on-Trent; Stoke-on-Trent 48211.

Michelin Broadbase and other tyre-covers, inner tubes, accessories and fittings.

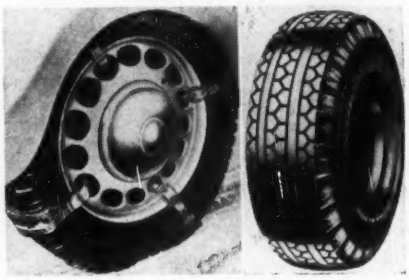
214. NORTH BRITISH RUBBER CO., LTD., Castle Mills, Edinburgh, 3. Weba, Edinburgh; Fountainbridge 7351.

North British Airglide tyres, inner tubes, and accessories.

Sales Manager, **W. H. Binns.** In attendance, **Bayliss, Crook, Cummings.**

201. PALMER TYRE, LTD., Herga House, Vincent Square, London, S.W.1. Palmetyr, Telex, London; Victoria 8233.

Palmer cord tyre-covers, inner tubes, and accessories.



Left: John Bull snow-grips (Stand 215); right: Pirelli tyre (Stand 209).

209. PIRELLI, LTD., 343-345, Euston Road, London, N.W.1. Pirellicon, Telex, London; Euston 3131.

Pirelli Aerflex standard tyres, Blue Riband heavy-duty tyres, inner tubes, and Carflex cables and wiring.

New.—Extraflex super-cushion tyre.

Sales Manager, **H. A. Parson.**

Oils and Greases

344. DUCKHAM, ALEXANDER AND CO., LTD., 346, Kensington High Street, London, W.14. Adcoidise, Wesphone, London; Western 8271.

N.O.L. engine and transmission oils, chassis greases, and Adcoids upper cylinder lubricant.

New.—Super Q.5500 lubricant.

Sales Manager, **S. H. Figg.**

350. JOY, EDWARD, AND SONS, LTD., Filtrate Works, Leeds, 10. Joy, Leeds, 10; Leeds 20773.

Filtrate oils and greases, brake fluid, anti-freeze compound, and similar special products.

Directors, **J. A. Middleton-Joy, A. C. F.** and **J. M. Warner.**

413. OILINE REFINING CO., LTD., South Road, Handsworth, Birmingham, 19. Parfait, Birmingham; Northern 0951.

Oiline engine oils, gear lubricants, greases, cutting oils, and the like.

New.—Oiline L.17 special lubricant for phosphor-bronze differentials.

Sales Manager, **J. Fitzmaurice;** Sales Director, **L. J. Wilde;** Director, **M. F. Wilde;** Sales Representative, **R. W. Smith,** and others.

253. STERNOL, LTD., Royal London House, Finsbury Square, London, E.C.2. Sternoline, Phone, London; Monarch 3871.

Sternol and Ambroleum engine and gear oils, Ambroline greases, penetrating, detergent, and shock-absorber oils, flushing compound, and hydraulic brake fluid.

New.—Alibag containers.

Sales Manager, **G. M. Shurety;** London Sales, **W. A. Dercksen.**

379. VIGZOL OIL CO., LTD., Vigzol House, Greenwich, London, S.E.10. Greenwich 4361.

Vigzol lubricating oils, greases, and kindred supplies.

New. — Hand-operated, cartridge-loading pressure greaser.

Sales Manager, **D. P. Bilton.**

SU.64

Are you making use of the service this sign offers? Having behind you the biggest, most comprehensive Battery Service in the country means, from your customers' point of view, that *you* offer that service. Means that, locally, *you're* the man who can tackle any battery repair—who can always produce the right battery for any car—who can replate any make of battery in less than a couple of hours! You should use this service to the full. It pays.

Service Features

★ *Fast deliveries all over the area.*

★ *Comprehensive stocks.*

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★ *Factory-trained personnel.*

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★ *Expert technical advice.*

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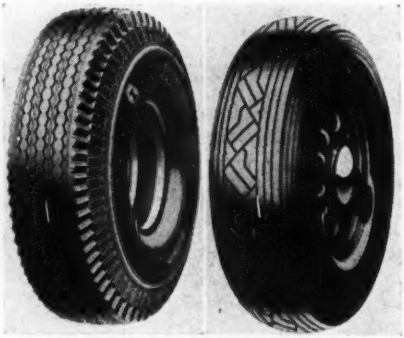
One of a series of announcements detailing Exide Service features

Issued by CHLORIDE BATTERIES LIMITED

Exide Works, Clifton Junction, near Manchester

Finance & Insurance

82. **BOWMAKER, LTD.**, Bowmaker House, Lansdowne, Bournemouth.
331. **BRITISH WAGON CO., LTD.**, 13, Grosvenor Crescent, London, S.W.1.
73. **CAR AND GENERAL INSURANCE CORP., LTD.**, 83, Pall Mall, S.W.1.
77. **GENERAL ACCIDENT, FIRE AND LIFE ASSURANCE CORP., LTD.**, General Buildings, Aldwych, London, W.C.2.
76. **LOMBARD BANKING, LTD.**, Lombard House, 10, Fell Road, Croydon, Surrey.
435. **MERCANTILE CREDIT CO., LTD.**, 246-250, Regent Street, London, W.1.
79. **MOTOR UNION INSURANCE CO., LTD.**, 10, St. James's Street, S.W.1.
83. **NATIONAL EMPLOYERS' MUTUAL GENERAL INSURANCE ASSN., LTD.**, National Employers' House, Bury Street, London, E.C.3.
80. **PREMIER MOTOR POLICIES, LTD.**, Melbourne House, Melbourne Place, Aldwych, London, W.C.2.
434. **ROADWAYS TRANSPORT DEVELOPMENT**, 7, Chesterfield Gardens, W.1.
72. **ROOTES ACCEPTANCES, LTD.**, Ladbroke Hall, Barlby Road, W.10.
299. **ROYAL INSURANCE CO., LTD.**, 24-28, Lombard Street, London, E.C.3.
389. **SCOTTISH MIDLAND GUARANTEE TRUST, LTD.**, 5, Forres Street, Edinburgh.
91. **UNITED DOMINIONS TRUST, LTD.**, Regis House, King William Street, E.C.4.
347. **UNITED MOTOR FINANCE CORP., LTD.**, Stoke Park House, Slough, Bucks.
81. **WHITE CROSS INSURANCE CO., LTD.**, Kinnaird House, Pall Mall East, S.W.1.
436. **YORKSHIRE INSURANCE CO., LTD.**, 66, Cornhill, London, E.C.3.



Left: India Super Air Cushion tyre (Stand 204); right: British Bergougnan Silent Safety tyre (Stand 211).

Press

56. **THE GARAGE AND MOTOR AGENT** (The Cable Printing and Publishing Co., Ltd.), 62, Doughty Street, London, W.C.1. Arator, Holb, London; Holborn 7771.

"The Garage and Motor Agent," published weekly, on Saturday. Subscriptions accepted from bona fide members of the motor industry and allied trades. Complete display of "Business Aids for the Motor Trade," including special forms, garage, workshop, filling station, and showroom wall notices. Boyle's "Costing and Charging of Motor Vehicle Repairs." Also many other publications and "paper machinery" for simplifying management.

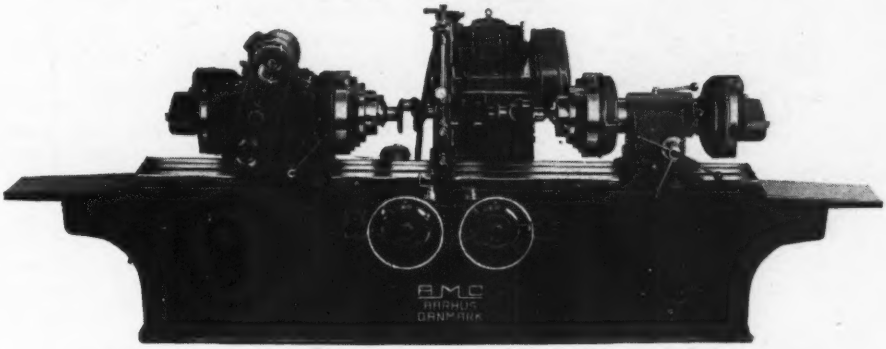
New.—"Wage Agreements in the Garage Industry," a practical guide to the N.J.I.C. Agreements.

181. **CARAVAN PUBLICATIONS, LTD.**, 24, Store Street, London, W.C.1.
66. **ILIFFE AND SONS, LTD.**, Dorset House, Stamford Street, London, S.E.1.
68. **MOTOR COMMERCE, LTD.**, 231, Strand, London, W.C.2.
69. **MOTOR WORLD PUBLISHING CO., LTD.**, 73, Dunlop Street, Glasgow, C.1.
499. **PENTON PUBLISHING CO., LTD.**, 2, Caxton Street, Westminster, S.W.1.
71. **TEESDALE PUBLISHING CO., LTD.**, 15-17, City Road, E.C.1.
57. **TEMPLE PRESS, LTD.**, Bowling Green Lane, London, E.C.1.
67. **TRADER PUBLISHING CO., LTD.**, Dorset House, Stamford Street, S.E.1.

Associations

65. **AUTOMOBILE ASSOCIATION**, Fanum House, New Coventry Street, London, W.1.
64. **BRITISH ROAD FEDERATION, LTD.**, 4A, Bloomsbury Square, London, W.C.1.
63. **INSTITUTE OF BRITISH CARRIAGE AND AUTOMOBILE MANUFACTURERS**, 50, Pall Mall, London, S.W.1.
62. **MOTOR AGENTS' ASSOCIATION, LTD.**, 201, Great Portland Street, W.1.
51. **MOTOR AND CYCLE TRADES' BENEVOLENT FUND**, 204, Great Portland Street, London, W.1.
58. **ROYAL AUTOMOBILE CLUB**, 85, Pall Mall, London, S.W.1.
59. **ROYAL SOCIETY FOR THE PREVENTION OF ACCIDENTS**, 52, Grosvenor Gardens, London, S.W.1.
61. **SOCIETY OF MOTOR MANUFACTURERS AND TRADERS, LTD.**, 148, Piccadilly, London, W.1.

"A.M.C." CRANKSHAFT GRINDING MACHINES



ILLUSTRATED ABOVE IS THE NEW MODEL K.1800 AMC CRANKSHAFT GRINDER for SHAFTS up to 72" long (22" swing)

- ★ 4 speeds to Workhead spindle.
- ★ Balance Weights placed on outside ends of Headstock and Tailstock spindles.
- ★ Graduated backplates permit rotation of crankshaft for grinding all crankpins without loosening chucks. Crankshaft has to be set to proper throw once only.
- ★ 5 HP dynamically balanced Wheelhead Motor. Wheel spindle mounted in double row high precision SKF roller and ball bearings.
- ★ Rapid setting up and ease of operation are features which ensure the Highest Production.
- ★ The smaller K.1400 model admits shafts up to 55" long.

Manufactured by the well-known **AARHUS MOTOR CO., DENMARK**

The range includes :—

CON. ROD BORERS, CYLINDER HONERS, CENTRIFUGAL RE-METALLING M/Cs, LINE BORERS, ETC.

EARLY DELIVERY WITHOUT IMPORT LICENCE.

Write for full details to the SOLE U.K. AGENTS

ELGAR MACHINE TOOL Co LTD

HAMPTON ROAD, HANWORTH, FELTHAM, MIDDLESEX.

'Phone: Feltham 4266. Grams: Shipments, Feltham.

STRICTLY ENTRE NOUS

by LFJ

Portent

NO new model has been more keenly awaited than the Austin Seven. To many, it promises to be the most interesting car in the Show, and that point of view is certainly tenable. For its introduction may quite well start a new trend. Since the war the British motor industry has inclined to concentrate on the larger vehicle, a policy that was doubtless sound enough to a point. But, as some pointed out right from the beginning, it ignored the growing demand for economy cars, which we in this country should have been particularly well placed to fill. Continental builders were quick to seize on the possibilities of that section of the market, and no doubt with very profitable results to themselves. Over here their few competitors have only been producing on a small scale. Now that Longbridge has taken this step the trade has been given a lead. We may be confident that it will be followed by other large organisations, and increasingly as manufacturing difficulties become less acute.

Festival assessment

SOUTH Bank, focal point of the Festival of Britain, having closed, it is time for an inquest on the deceased. Just how impressive the exhibition was, and how much more effective it could have been made, will always remain matters of opinion. Nor is there any real certainty as to how much it benefited our tourist industry. Fewer Americans came over here than in the equivalent period in 1950—despite fabulous expenditure on Festival advertising in the States—but that was due largely to the international situation, and the drop might have been far more pronounced if we had offered no special attraction. The truth is that the real value of the effort is not yet apparent, nor shall we be able to judge it for some time. But ultimately I think we shall very likely find that the Festival was truly worth while, even though South Bank may by then almost be forgotten. What it did, all over the country, was to revive local pride—in customs, institutions, crafts, and so on—and that shows every sign of being maintained. The result is a brighter and more interesting Britain, which means that it has become a more attractive land to explore. Not only overseas visitors, but our own folk will be drawn to the roads for pleasure in increasing numbers.

These country cars

FOR the purpose for which it was originally intended, the Jeep was an admirable vehicle. In fact it must rank as one of the most successful creations in automobile history. But no one will pretend that these cars are attractive to the eye. They may look right for the job, in much the same way that battledress does, but that is not at all the same thing. Accordingly, one wonders why Jeepish lines are sometimes adopted by builders of transport intended for civilian use. One or two fairly recent introductions of the estate wagon order struck me as quite unnecessarily ugly; it should be added that none of them was British. It is peculiar how few makers of country cars seem to have had quite the right ideas during recent years. Either they have gone off the rails by styling the things like town carriages, which makes them most unsuitable for rough usage, or else send them out looking like Army trucks. There, fashions have taken the wrong turning. Not for the first time, either, in my opinion.

Change of season-

Change of oil-

Change now at a

SHELL and BP

station for

better service

Now is the time to have your sump drained and refilled with Shell Motor Oil for the winter Take your car to the nearest Shell and BP Service Station for expert attention.

SHELL BP

These advertisements mean busy, profitable days for Shell and BP Service Stations. Let the Shell and BP signs bring motorists to your garage for expert attention.

The MOTOR TRADE PARLIAMENT

In which Readers Express their Views

Communications intended for the Motor Trade Parliament should be addressed to The Speaker, "The Garage and Motor Agent," 62, Doughty Street, London, W.C.1.

"There Must Be Incentives"

Sir,—Your Terse Talk of September 15th headed as above is an excerpt from a speech with a bite in it.

When one speaks of "incentives," however, men in the workshops are usually inclined to think of one only—the financial incentive. While this is important and paramount in the "adequate reward for endeavour" as quoted in the Terse Talk, we are inclined to forget that good management does not offer only financial incentives. These in themselves will not be sufficient in the long run. There are many others: Good working conditions; good supervision; opportunity for promotion—to mention only a few.

With the financial incentives backed by the others, the ideal shop is possible. Men will be happy at the bench, and the pay packet will increase in ratio to the increased production.

Does the Welfare State tend to destroy the initiative and drive which built up this industrial nation? The following test showed surprising results in our workshops two years ago, and made us wonder if to-day's conditions had indeed moulded the minds of our men to the modern creed, or had the terrible "Thirties" still left a stain?

We prepared a list of six "incentives" and handed a copy of each to 15 foremen, asking each one to study the list and put the items in order of importance as far as they themselves were concerned. The average result was interesting, but compared with a poll taken about the same time by a team of business consultants, our poll was similar regarding the first, second and sixth items.

The result was as follows:—

1. Security of employment.
2. Good supervision.
3. Opportunity for promotion.
4. Good working companions.
5. Good working conditions.
6. High wages.

Note the position of "High Wages." Was this a really true average, or was each foreman showing his manager that as far as he was concerned the job was the thing? It would have been better, perhaps, had the poll been secret or anonymous.

We could have guessed fairly accurately which of our foremen would put "Opportunity for promotion" first. These were the go-getters of our staff who would reach the top eventually and gain high wages as a matter of course.

I suggest trying this in a workshop. You will find that the general average will not be far from the above. It will also suggest, I think, that there are more incentives than would appear at first glance. These are not products of the Welfare State, but are part and parcel of a healthy, prosperous and up-to-date management.

Lamb's Garage, Ltd.
E. THOMPSON,
Dundee. Director.

[*It would, indeed, be most interesting if other hon. Members would adopt Mr. Thompson's good idea and conduct an "incentive" poll among their employees, preferably, I think, on a "secret" basis. If anyone does so, I shall be happy to publish the results here.*—The Speaker.]

First Aid On The Road

Sir,—I must express my approval of the "First Aid box scheme" outlined by Mr. H. W. Houghton, of Manchester (September 22nd issue). But as I have been an active member of the St. John Ambulance Association for the past 14 years, I have my own opinions on the subject of the association bearing the cost of the provision of equipment.

The question of a distinctive badge to be displayed by the trained first-aider is sound, and the cost of this should be borne by the driver of the vehicle. After all, the majority of motorists seem willing to pay for all kinds of fancy badges to adorn the front of their vehicle, and one more which would really

The MOTOR TRADE PARLIAMENT

Continued from page 164

indicate that the owner could help his fellow-travellers would not be objected to.

As for the first-aid boxes, these should be issued by the local association at a set cost borne by the motorist, who has been qualified by the same local association, with replenishments available at a set figure.

Surely one would not begrudge a small expense to save pain and perhaps the life of one's fellow-travellers, or oneself.

I strongly support the scheme, but on the lines indicated above. You should not forget that the St. John Ambulance Association is voluntary, and funds are hard to "come by."

I would close by saying the writer is a motorist who always carries a first-aid box and displays the fact.

REGINALD R. TYLER.

Thornton Heath.

[*Mr. Tyler has a good sense of "service." Perhaps that is because besides being a motorist he is also a member of the staff of one of the leading manufacturers of garage service equipment.*—THE SPEAKER.]

Anti-freeze

SIR,—The ideal anti-freeze method is easily defined. Whilst supplies are good, *and there is a whacking big margin on sales,* radiators should be washed out every Friday (when Mr. Schrader is busy checking tyre pressures).

Then a fresh charge of non-corrosive anti-freeze should be poured in, and the strength of the solution should suffice for 50 degrees below zero. To be on the safe side, of course.

Canadian methods are in the news. Consequently I note with interest one of their producing companies' reports. Sales of a particular anti-freeze were *considerably* reduced, it said "reflecting heavy inventory on hand and retailers' and buyers' preference for permanent type of anti-freeze."

Any comments? Am I anti-social? I threatened to shoot anybody draining the anti-freeze out of my radiator last summer. A little more pinking, but the cooling reserve happens to be good.

Would the manufacturers of branded "non-corrosive" anti-freeze like to say something? Because I observe argument has broken out in the public motor Press.

JHANSI.

[*The argument to which "Jhansi" refers is contained in the "Motor" for October 3rd in which a correspondent describes how his radiator drainage tap broke off through corrosion. On his consulting "a number of garage men," they "all held the opinion that it was a result of leaving an anti-freeze solution in too long." Apparently it had been in for ten months. The correspondent goes on to say that the anti-freeze makers maintain that their product is "less corrosive than water," and that the car makers advise more frequent flushing of the system. In view of all this, comments from the anti-freeze makers would indeed be welcome.*—THE SPEAKER.]

Out of the Past

35 YEARS AGO. "The G. & M.A." 14/10/16.

SPEAKING about the release of petrol next month, if it comes off, as there is little reason to doubt that it will, the truth is that all the petrol companies have filled up every can they have on the premises, crammed their tanks bung-full, commandeered their wives' kitchen coppers, and raked round everywhere to find receptacles to stow the spirit away, and still it keeps on coming into the country. They are at their wit's end to know what to do with the petrol, and the only way is to keep it moving by letting the public have the amount they require, trusting to the common-sense of the nation not to waste it.

20 YEARS AGO. "The G. & M.A." 10/10/31.

ONE Show's Accessories exhibits read very much like another's, when described in writing. Actually, the development that goes on in this division of the motor industry is as definite as that which manifests itself in the cars that occupy the central floor space at Olympia. It is less conspicuous, but not less real because it has to be investigated to be appreciated. Much of it cannot be seen at all, because it consists in improved workmanship that makes for increased reliability.

Television Interference Suppressors

SIR,—Thank you for offering me space in which to reply to Mr. Wise (September 29th issue). First of all I would like to tell Mr. Wise that I was only putting the question to our Parliament—a privilege to which all Members are entitled.

I know nothing about television, but I had a suppressor fitted to the aerial to my wireless set. This was supplied by the firm who made the set, and it was a great improvement. That is why I thought it could be suppressed at the television set and save motorists and all users of electrical appliances

The MOTOR TRADE PARLIAMENT

Continued from page 16

ces the heavy expense of having suppressors fitted—or fined if it became the law.

I believe we have the brains in Britain to produce some method of suppression at the set.

I have lived long enough to remember people saying that motor cars would never run and that aeroplanes would never get airborne. Perhaps someone in the near future will prove to Mr. Wise that it is unwise to generalise and to imagine that the people who visit his premises lack wisdom.

J. NICHOL.

Armagh, N.I.

[*And there, Gentlemen, I think we had better leave it.*—The Speaker.]

Two-stroke History

Sir,—Although I have never discovered to whom the invention of the two-stroke cycle is attributed, it is almost certainly much older than the four-stroke.

The original Benz which Mr. Nixon gives as probably the first I.C.E. car to run, had such an engine, and this system must have been fairly common at the time, and no claim has ever been put forward that Benz invented it.

I cannot recollect the name of any two-stroke car before the Lucas valveless (1906), but I am sure that there were others on the market. In any case, there were motor cycles 50 years ago which used two-stroke engines.

As an old valveless user, I always thought that owing to its few working parts, when perfected the two-stroker would oust the four-stroker. But obviously we shall get something which will oust both before this takes place.

COACHBUILDER.

[*Am I wrong, or is Mr. "Coachbuilder" thinking in very advanced, revolutionary terms?*—The Speaker.]

Two-stroke History

Sir,—In reply to "Technician's" queries on two-stroke history (September 29th issue) whilst I am not able to say who invented this engine, I distinctly remember an advertisement in, I believe, the "Motor" some years before the first World War (I should think about 1908) of a motor cycle or attachment called the "Ixion."

This was a single-cylinder engine mounted on the front of the cycle with a large and small roller driven off the crankshaft with a triangular chain drive.

These rollers drove the front wheel by friction on the tyre, the engine being tipped to make contact with one roller for low gear and the larger roller for high gear.

I shall be interested to hear from any other hon. Member who remembers this machine or any earlier application of the two-stroke to road transport.

Carris Motors, Ltd.
W. D. CLARKE, M.I.M.I.
Works Manager.

London, S.E.13.

[*Come to that, many of us would be interested.*—The Speaker.]

The "Big Wheel" Garage

Sir,—Long years ago I remember proposing the plan of a revolving garage on the lines of the erstwhile Big Wheel at Earls Court, in London. In "The G. and M.A." of March 23rd, 1946, I propounded this principle, by courtesy of the then Speaker of this House, who invited discussion on the subject.

Well, Sir, a continental inventor (or should he be called a re-inventor?) showed recently, in Paris, a working model exactly embodying the method evolved originally by your obedient servant.

Is it not remarkable how many interred ideas are afterwards resurrected and given a new lease of life?

JOHN ARMSTRONG.

Bournemouth.

[*Trouble is that so many ideas get born too soon, before the world is ready for them. In this particular case, has the Big Wheel idea any commercial possibilities? I shall be interested to hear whether it ever gets beyond the model stage.*—The Speaker.]

:: :: **He Won the Medal.** — The 18-hole medal competition of the Dunlop (London) Golfing Society, played at Effingham, was won by W. A. Evans, assistant to the Information Officer.

EUROPE'S LARGEST PETROLEUM REFINERY IS NOW IN OPERATION

Declared open by the Prime Minister, the new Esso Refinery at Fawley officially started operations on Friday, 14th September.

This is of tremendous importance to every motorist in Britain. Ultimately it means more petrol — more assured supplies, and it will bring in the not too distant future ESSO EXTRA ANTI-KNOCK —yet another reason why . . .

It pays to say Esso

ESSO PETROLEUM COMPANY, LIMITED · 36 QUEEN ANNE'S GATE, LONDON, S.W.1

COMMERCIAL VEHICLE & TRACTOR BUSINESS

By "Transit"

Earls Court thoughts

ONCE again the Motor Show is upon us, and the question comes to mind as to whether the commercial and p.s.v. side of the industry is following the wisest policy in not staging an annual exhibition of its products. Most certainly there are two sides of the case, and the arguments in favour of the present arrangement are admittedly cogent. At the same time, if the car makers think a yearly show advisable, it is not easy to see why it would be unprofitable for the industrial vehicle builders to follow the same principle.

These occasions are very different in character from those of pre-war years. As always in such cases, there may be some who still continue to think of them in terms that are in fact out of date. Shows, to-day, have for their primary object the promotion of export business. Formerly, exhibitors were chiefly concerned to secure orders from home-market buyers, but the truth is that those customers will be held of little account during the coming affair. They can only have the leavings of next year's production, and need no asking to take them.

Business-getting is only necessary overseas, and there it is vital. For that reason there seems now a stronger case for holding the C.V. Show annually than could be said to exist before the war. The continental manufacturers follow the practice, and it is at least an open question as to whether we can afford to do otherwise.

Election viewpoint

Organisations that exist for the purposes of advancing particular causes are perhaps naturally apt to display the one-track mind, and sometimes to a deplorable degree. One notes with approval that the British Road Federation have not fallen into that error. Their monthly bulletin remarks that the General Election will not be fought on the issues with which it is particularly concerned, and the admission greatly strengthens the case for the arguments subsequently put forward.

In fact, the major questions before the electors are those of defence and foreign policy. Intelligent citizens will vote according to their beliefs about those two things, and will not be greatly concerned about anything else. Nor will Parliamentary candidates be inclined to trouble themselves much over matters that are, in our country's present circumstances, of clearly lesser importance.

Party policies on subjects of real importance to the motor industry can be said to be known already. The need accordingly is not so much to quiz candidates, but to seek to spread among the electorate a better appreciation of the importance of road transport to the national economy. Prosperity and greater security will follow on its further development; to restrict it can only lead the country still farther on the downhill path.

A personality

It is now some little time since Gen. Sir Frederick Sykes became chairman of the A.E.C. concern, after having served as a director for a great number of years. An outstanding figure of the commercial vehicle industry, it is nevertheless possible that his career may be only vaguely known to some members of the trade. For that reason some of the facts may be briefly recounted.

Although chiefly distinguished for his work in the Army, Sir Frederick was not a professional soldier. He began as a tea-planter and enlisted, while still quite a youngster, for the South African war. His services gained him a commission, and rapid promotion followed; in 1912 he was instructed to bring into being the Military Wing of the Royal Flying Corps, which was just being started.

Thus he laid the foundations of the R.A.F., and the organisation that he planned has never been changed fundamentally. In the early part of the 1914 war he was still commanding the R.F.C., but then took charge of the R.N.A.S. in the Dardanelles campaign. Later appointments were Chief of Air Staff, and first Controller-General of Civil Aviation. Others followed, and he later entered Parliament in which he sat for a number of years, becoming a Member of the Privy Council in 1928.

Truly a remarkable record of achievement, and one in which the industry that he adorns may well take pride.

"CHROME BORES PERFECT AFTER 154,000 NON-STOP MILES"

"Carrying heavy machinery, this 5 ton Commer Dropsider with 'under-floor' engine has averaged 1,000 miles per week since new."

GREATER POWER
•
BETTER DRIVER COMFORT AND VISIBILITY
•
IMPROVED MANOEUVRABILITY
•
LONGER LIFE
•
GREATER EASE OF SERVICING
•
IMPRESSIVE ECONOMY

"WE ARE VERY PLEASED INDEED"

These are extracts from a letter received from J. H. Fenner & Co. Ltd., Power Transmission Engineers, of Marfleet, Hull. The performance record they describe is being repeated, and often bettered, by Commer trucks with 'under-floor' engine all over the world—clear proof that full length chrome finished bores really do prolong the engine's working life.

These Commer trucks are tough and reliable as only long specialist experience can make them; and what is more you get superb quality at a favourable price.

COMMER

5 AND 7 TONNERS

with 109 b.h.p. 'under-floor' engine

PRODUCTS OF THE ROOTES GROUP

COMMER CARS LTD. LUTON BEDS. EXPORT DIVISION: ROOTES LTD. DEVONSHIRE HOUSE PICCADILLY LONDON W.1

The MOTOR INDUSTRY'S NEWS

"WEAR AND TEAR" DISPUTE IN ACCIDENT CLAIM

OWNER AND INSURANCE CO. REFUTE LIABILITY

NEW TRIAL ORDERED

An application for a new trial of a case in which a firm of motor engineers were unsuccessful in claiming £5, for work done, from a motorist whose insurance company had refused also to pay the amount, was granted by Judge S. H. Granville-Smith in Barnet County Court on Tuesday.

The plaintiffs, Trounson and Knight, Ltd., of High Road, Whetstone, sued the defendant, Mr. George R. Holben, of 96, Churchbury Lane, Enfield, for the £5 in the Barnet Registrar's Court in September, but they were unsuccessful.

Outlining the facts of the case, Mr. R. N. Bibby-Trevor, for the plaintiffs, said that early in 1950 the defendant had an accident with his car which was taken to the plaintiffs' garage for repair.

Defendant notified his insurance company—the Trafalgar Insurance Co.—and in April, 1950, the plaintiffs sent an estimate, dealing with the repairs, to Mr. Holben. He, however, had said he did not receive the estimate.

ASSESSOR REDUCED ESTIMATE

The insurance company put the matter into the hands of an assessor, who reduced the estimate—for £64 16s.—to £57 10s.

The repairs were completed, and in due course an account for £57 10s. was sent to the assessor, who wrote to the plaintiffs to the effect that £5 of the amount would have to be paid by the defendant.

The assessor took the view that certain damage to one of defendant's car doors, which had been repaired, was caused by fair wear and tear, and was therefore not accident damage. The defendant had refused to pay the £5.

Mr. Bibby-Trevor went on to submit that having handed over the whole of the matter to his insurance company to deal with on his behalf, the defendant had no right to put some private limitation on their authority.

The insurance company were created by the defendant as his agents, and were authorised by him to deal with the question of repairs to his car. **He did not know what the defendant would have said if the plaintiffs had delivered his car with only half a door.** The plaintiffs, quite properly, accepted instructions from the insurance company.

The Registrar appeared to have thought that the work was done on the basis that there was an excess clause in defendant's policy, but there was no such clause.

Mr. Kenneth J. Milnes, for the defendant, contended that the insurance company were agents only of the defendant for settling damage occasioned by accident. The agency of the company was only limited.

Making an order for a new trial, the Judge said he was not criticising anyone, but he felt that if justice was to be done the insurance company should be included in the new trial. "I think the claim must be paid by someone," he added.

Mr. Bibby-Trevor intimated that he would bring the insurance company before the court as a second defendant.

BODYBUILDERS EXTRA WAGE CLAIM REJECTED

An application for an all-round increase of 6d. per hour in the wages of workers employed in motor vehicle bodybuilding has been rejected by the employers' side.

This decision was reached when the application, from the National Union of Vehicle Builders and the Amalgamated Society of Woodworking Machinists, was put before the United Kingdom Joint Wages Board of Employers in the Vehicle Building Industry in London last week.

MOTOR INDUSTRY'S NEWS

S.J.C. "ELECTION" CAMPAIGN

MOTORING CLUBS ISSUE MANIFESTO

Within the next few days all garages holding R.A.C., A.A., or R.S.A.C. appointments will receive posters and copies of a "Motorists' Manifesto" urging all motorists to place before their Parliamentary candidates the reforms the British motoring public expect from the new Parliament.

The posters and manifesto are being circulated by the Standing Joint Committee of the motoring clubs, and at a Press conference in London on Tuesday it was emphasised by the Joint Secretary, **A. W. Gibson**, that this "Election" campaign launched by the Standing Joint Committee **was strictly non-political and in no way concerned with party issues.**

The sole object of the manifesto, which is being circulated to every candidate putting up for election, is to ensure that these candidates are made fully aware of **the long overdue reforms the five million odd motor users in this country expect the new Parliament to deal with.**

Briefly, the facts of the case set out fall under three headings, viz., (1) fairer taxation by the imposition of a flat rate tax for all cars; (2) cheaper transport by a reduction of the petrol duty, and (3) better and safer roads by means of a long-term investment programme.

To ensure that every motorist in the country is able to express his views on these subjects forcibly to his candidate, the committee are using all their resources to get the manifesto in his hands, and copies are being distributed through local offices, road patrols, and roadside telephone boxes, as well as through the motor trade.

SHOW PREVIEW FOR TRADE

OCTOBER 18th AND 23rd

Traders are reminded that, for the first time, this year arrangements have been made for holders of trade tickets to view the exhibits at the Motor Show before the admission of the general public.

They may do this between the hours of **9 and 10 a.m. on Thursday, October 18th,** and also between the same times on **Tuesday, October 23rd.**

T.V. SHOW FOR CUSTOMERS

To entertain waiting customers and also to show the value of fitting suppressors to all vehicles, a television set was installed in the showroom during the recent Standard-Triumph service week held by F. Mitchell (Nottingham), Ltd., Nottingham.

In all 191 cars were brought in for inspection, and assisting the firm's own staff on the check-up were representatives from Standard, Dunlop, Lucas and Lockheed.

In the showroom displays were provided by Wakefield, Joseph Lucas, Smiths Motor Accessories, Radiomobile, Duckham, Champion, Vacuum, Dunlop, Girling, Desmo and Ekco.

The firm point out that this is their third service week since the war and proof of the interest taken by local owners in these events is shown by the fact that the numbers attending have gone up by 33 per cent. each time.

WHEEL CHECK.—Checking wheel alignment during the Standard - Triumph service week held recently by F. Mitchell (Nottingham), Ltd. (Report above.)

MOTOR INDUSTRY'S NEWS

PERSONAL ITEMS

Dudley Marples (top left), Frank Mitchell (top right), and J. M. Kay, who have joined the board of G. T. Riches and Co., Ltd., as Sales Director, Joint Managing Director and Director respectively.

Sir Donald St. Clair Gainer, G.B.E., K.C., M.G., takes up the appointment of Chief Executive to the International Road Federation (London office) on October 15th, upon his retirement from the Foreign Service.

Managing Director J. C. Price, of Tyresoles, Ltd., has been elected a Fellow of the Incorporated Sales Managers' Association in recognition of his 19 years' membership and service to the association. At present, Mr. Price is in the U.S.A. on an extended tour.

Firestone Tyre and Rubber Co., Ltd., have appointed to their board Fredk. A. Upperton, who has long been associated with the company as General Sales Manager, and Jim Mattinson, who has been Works Manager for many years.

:: :: **Visitors to Triplex Works.**—A party from London Transport Executive and another from the Municipal Passenger Transport Association recently visited and made a tour of the St. Helens factory of Triplex (Northern), Ltd.

CUT-PRICE PETROL ECHO

RETAILER IN COUNTY COURT

That the interviews he gave to national newspaper reporters to get publicity for a cut-price petrol venture were not completely accurate was admitted by Terence Albert Ledwith, of Lincoln Street, Leytonstone, at Bow County Court, London, last week.

He was appearing on a judgment summons for 5s. brought by Mr. J. C. Charles, solicitor.

In reply to Mr. Charles, Mr. Ledwith denied he was the owner of the Forge Garage, High Road, Leyton.

"I was running the garage for my brother, and I had his permission to run it the best way I could. **I cut the price of petrol, and we lasted a week or ten days. The garage has now closed down, and my brother is trying to dispose of it."**

Mr. Charles: "You had quite a lot of newspaper publicity?"

Mr. Ledwith: "Yes, I know they said I owned the garage. They also gave me a 'buckshee' son and two wives."

After Mr. Charles had quoted from interviews which Mr. Ledwith admitted he had given newspaper reporters, Mr. Ledwith said he had not told the reporters that he was the owner of the garage, but he had not denied it to them. **"It was up to me as manager to make the best of the publicity if I thought I could do the business some good by it.** I wasn't going to argue the toss with newspaper reporters."

Mr. Ledwith was given seven days in which to pay the 5s., with an alternative of seven days' imprisonment.

CANADA RETURNS CARS

Because of the Canadian Government's credit controls, dealers in British cars in Canada are sending back to Britain 3,500 unsold cars, states the Montreal correspondent of B.U.P.

Hundreds of British cars are being gathered up from dealers' showrooms all over Canada, where they have collected nothing but dust, he adds. **They will be returned to Britain aboard the same ships that brought them to Canada several months ago.**

Commenting upon this report, a spokesman for the Rootes Group said in London this week that it did not apply to any of their vehicles.

NOW! WITH THE NEW Free QUICK SELLER

AC PLUGS WILL SELL THEMSELVES!

Combines display and supply
This new sales cabinet reminds your customer he needs a new plug — and supplies one *on the spot*, before he can forget.

Sells plugs automatically
Plugs recommendation charts are available at a touch. Which saves both you and your customer a lot of trouble!

Increases your plug sales
Instead of "meaning" to replace that worn plug, customers will really do it!

Costs you nothing
Order 150 AC Plugs from your approved wholesaler and the Quick Seller is delivered free (not more than one to each garage or branch, for supplies are limited).

Motor Show, Earl's Court, Oct. 17/27
See the complete range of
AC products at Stand No. 217

AC Spark Plugs

AC-SPHINX SPARK PLUG CO., DIVISION OF GENERAL MOTORS LIMITED, DUNSTABLE, ENGLAND

MOTOR INDUSTRY'S NEWS

Show Dates

Motor Show (36th International), Oct. 17th to 27th, at Earls Court, London. Organisers, Society of Motor Manufacturers and Traders, 148, Piccadilly, London, W.1.

Cycle Show, Nov. 10th to 17th, at Earls Court, London. Organisers, British Cycle and Motor Cycle Manufacturers and Traders Union, The Towers, Warwick Road, Coventry.

Smithfield Show, Dec. 3rd to 7th, at Earls Court, London. Organisers, Smithfield Show Joint Committee, 148, Piccadilly, London, W.1.

REGENT'S GLOUCESTER DEPOT

EXTENSIONS NOW COMPLETED

All the new works and alterations to the Gloucester depot of the Regent Oil Co., Ltd., have now been carried out. A garage has been re-erected and a new office block and lubricants store built.

The whole depot now consists of two distinct sites—one for the handling of low-flash-point and the other for the handling of high-flash-point fuels. **Both sub-depots will be fed by water transport.**

A new pump house has been built at the head of Monk Meadow Dock, and powerful pumps installed for the rapid unloading of barges. The latter will maintain a regular flow of products along the Sharpness Canal from the company's ocean installation at Avonmouth.

The company point out that the whole scheme has been planned by their engineering division so as to give better handling facilities and additional storage to cope with the increasing demand for Regent products over a wide area of distribution.

ARTHUR HIRST'S TRIP

Arthur Hirst, F.I.M.I., and Mrs. Hirst are sailing on October 18th in the Rhodesia Castle on her maiden voyage. The ship is calling at Capetown, Durban and other East African ports including Mombasa, from where Mr. and Mrs. Hirst will fly to Nairobi.

On rejoining the ship they will pass through the Suez Canal and visit Genoa, Marseilles and Gibraltar, arriving home three days after Christmas.

SERVICE v. COSTS PROBLEM

A. B. HALL SUGGESTS WAY OUT

British industry as a whole had to cope with crippling taxation and mounting costs. It was in a position somewhat similar to that of the Queen in "Alice in Wonderland," who had to run as fast as she possibly could in order to remain in the same place.

This simile to present-day conditions of industry was made by President **Arthur B. Hall**, of the Motor Agents' Association, when replying to the toast to the association at the dinner given in his honour by the M.A.A. Ulster Division in Belfast.

The motor trade was concerned, Mr. Hall went on, with the grave problem of how to give a high standard of service at a reasonable charge to the public **when repeated demands for bigger pay packets were being made, and components, parts and materials were continually rising in price.**

More work per hour for longer hours, shorter holidays, and a reduction in the amount of non-productive labour were unpopular doctrines to preach, but he considered their acceptance to be the only way.

UNPRODUCTIVE LABOUR

Unproductive labour added enormously to costs, and he felt that the trade should make every effort to reduce it to a minimum when endeavouring to bring down costs.

The loss of productive workers was due to large numbers being engaged in clerical duties, form filling, and indirect tax collection for the Government, reduced hours, longer holidays, a swollen Civil Service and similar causes.

In a reference to resale price maintenance, the president said that this was also a matter of vital importance to the trade. Its abolition, he thought, might lead to a return of the "bad old days" with lower wages for the workers, the abandonment of excellent schemes for the education and training of craftsmen, and general insecurity for employers and employees alike.

The main efforts of the retail motor trade must continue to be directed towards providing and maintaining a high standard of service to the public.

If it could overcome the difficulties that lay ahead, and by so doing prospered, its prosperity would be a really first-class contribution to the country's prosperity.

During his visit, Mr. Hall attended a meeting of the Ulster Division and advised members to prepare for a return of the days when new vehicles had to be sold.

MOTOR INDUSTRY'S NEWS

AUGUST VEHICLE OUTPUT

BIG DROP IN CARS AND C.V.s

Cars and chassis produced by the British motor industry in August numbered 25,971 units. This was a substantial drop on the July figures, when the total was 38,495 units, and the lowest for one month since July, 1949, when the output was 25,515 units.

During August, 14,943 commercial vehicles and chassis were produced. This also was below the total of 19,918 units for the previous month, as well as being the lowest since July, 1949.

THE NEW AUSTIN SEVEN

Remember how long ago it was when Chairman and Managing Director **L. P. Lord**, of the Austin Motor Co., Ltd., delighted his distributors and dealers by promising that the Austin Seven would one day reappear?

It was in 1949, at the Austin Show-time luncheon, and "L.P." then said that the Seven would be produced again "when the time is ripe." Several hints have been dropped since, but it was not until August last, at the Vancouver Austin Show, that Export Managing Director **J. F. Bramley** gave the first hard information by revealing that the design had been passed for production.

As readers will already have learned, the new Seven has now been promised for the Motor Show, but details of it will not be released until October 16th, the day before the Show opens. An illustrated description of the new car will appear in our October 20th issue.

HENLEY'S "GET-TOGETHER"

700 GUESTS AT STAFF DINNER

Members of the staffs of Henley's Tyre and Rubber Co., Ltd., and their associated company, W. T. Henley's Telegraph Works Co., Ltd., forgot all business cares and spent an enjoyable evening at the Dorchester Hotel, London, last Saturday.

Last year this annual "get-together" event of the Henley Organisation was spoilt by fog delaying a number of the guests, so to avoid a repetition of this the date had been brought forward this year.

The function consisted of a dinner, dance and cabaret and as it served as a wind-up to the annual conference of branch managers, there was an attendance of over 650 guests, consisting of members of the staffs, their wives and friends from all parts of the country. Also present was a number of Henley pensioners.

The toast to the "Henley Companies" was proposed by Works Manager **C. H. Harris** and the response was made by **Sir Edward Crowe**, a Director of the organisation. Assistant General Manager **E. J. Vidler** proposed the toast to "The Ladies" to which **Miss E. S. Wiseman**, of the sales department, replied.

:: :: **Reading I.M.I. Lecture.** — Berks, Bucks and South Oxon Region of the I.M.I. are holding a lecture-meeting at 7.30 p.m. on October 19th in the Zoology Lecture Theatre, Reading University. Professor A. W. Low will give a talk.

OPENING WORDS. — At the opening of the new service station of Westbridge Motors, Northampton, described in last week's issue, joint proprietor J. W. Brocklehurst welcomes Coun. V. J. H. Harris (left), who was the official "opener." On right is Branch Manager G. B. Howard-Rice, of Shell-Mex and B.P., Ltd.

MOTOR INDUSTRY'S NEWS

PARIS MOTOR SHOW

GOOD BRITISH DISPLAY

British manufacturers, who are showing 19 cars, are the third largest exhibitors at the 38th Paris Motor Show which opened on October 4th and closes to-morrow (October 14th). **Altogether some 1,200 exhibitors are represented at the show.**

Among the latest British models are the 3-litre Daimler and the 2-litre Lanchester. Other exhibitors include Rolls-Royce, Austin, the Rootes Group, Standard and Vauxhall.

As is to be expected, the largest exhibitors are members of the French motor industry, who have 37 cars on show. There are 20 entries from the U.S.A., 13 from Germany, six from Italy, and one from Spain.

This last-named model is the Pegaso Z-102, which is entirely designed and produced in Spain by the Empresa Nacional de Autocamiones, of Barcelona. Incidentally, this is the first time for many years the Spanish motor industry have shown a car of their own manufacture.

New models introduced by French manufacturers include a 2-3-litre Renault saloon —the Frigate—a six-seater widely advertised in France as being one of their best products, a new Simca model—the 1-2-litre Aronde—and a new and powerful four-seater Bugatti.

Among the latest German cars is the Hansa 1,500, its streamlined body showing the latest developments in German design. A series of Mercedes models, including the 15 h.p. Mercedes 300 four-seater, have also come from the Daimler-Benz factories.

American car exhibits include models from Buick, Cadillac, Chevrolet, Pontiac and Studebaker. General Motors have brought to Europe for the first time their experimental Sabre model, the 300 h.p. "car of to-morrow," which incorporates many developments which will not be seen in production models for many years.

AVON'S KENYA VENTURE

Avon India Rubber Co., Ltd., have completed arrangements for the formation of a new company in Kenya for the remoulding of tyres. Avon will hold a controlling interest in this new company.

The factory is to be erected in Nairobi, and will use the Blue Peter multiple mould process under licence from Auto Tyre Services, Ltd., of Basingstoke.

B.M.T.A.'S NEW OFFICES

MOVE ON MONDAY NEXT

Britsh Motor Trade Association are moving their headquarters on Monday next (October 15th), from 97, **Park Lane**, to their new offices at **14, Fitzhardinge Street, London, W.1**, where all correspondence should be sent from that date. The new telephone number is **Welbeck 5533.**

Some branches of the association are remaining in their present quarters for a week or two longer, but they also will be moved at the earliest possible date. Accordingly, those visiting the association in the next few weeks are advised to inquire by telephone beforehand for the location of the department they wish to visit.

N. FINCHLEY SERVICE WEEK

About 20 cars a day, some 75 per cent. of them post-war models, were inspected during the Rootes service week held last week by Lindsay Brothers, Ltd., High Road, North Finchley.

Two factory testers supported the firm's own staff, and a Dunlop representative gave advice on tyres. Another feature was a representative from V. L. Churchill, Ltd., demonstrating and carrying out tests with a wheel balancer.

Displays were put up by Dunlop, Smiths (Radiomobile and accessories), Perkins (diesel engines), Girling, Champion, Lucas and Shell. There was also a V. L. Churchill display of special tools for Rootes vehicles.

Director **Kenneth Lindsay** said quite a lot of workshop orders had resulted from the week.

ROOTES' FRENCH COMPANY

Rootes Group's new associated company in France—Rootes Continental Motors—opened their new showrooms last week in the Rond Point des Champs-Elysees, and a service works at 32-36, Rue Pierret, Avenue de Madrid, Neuilly.

The service works has a floor area of 40,000 sq. ft. and is staffed by mechanics trained by the Rootes Group. **An ample supply of replacement parts is carried and it will be supported by 20 service points throughout France.**

MOTOR INDUSTRY'S NEWS

YORKSHIRE I.M.I. SOCIAL

WEEK-END PARTY AT RAVENSCAR

During a recent week-end Yorkshire Region of the Institute of the Motor Industry, Inc., held a social gathering at the Raven Hall Hotel, Ravenscar, at which there was an attendance of 56 members, their wives and friends.

During the afternoon various sports were held. The bowling competition was won by **H. Sharp** and **W. H. Atkinson**, the runners-up being **Mrs. B. Powell** and **Mrs. K. W. Tarran**.

The men's putting competition was won by **F. C. Fowkes**, with **F. Lockwood** second, while that for the ladies went to **Mrs. J. C. Auker**, with **Mrs. W. S. Tooke** as runner-up. The prizes in the swimming competition went to **Mrs. J. C. Auker** and **Miss D. Cooper**.

During the dinner-dance in the evening, bouquets were presented to **Mrs. B. Powell**, wife of the Regional Chairman and **Mrs. F. Lockwood**, wife of the Regional Secretary.

CASTROL'S NORTHERN H.Q.

After being for nearly 50 years Castrol's northern headquarters, the Liverpool works of C. C. Wakefield and Co., Ltd., have been sold to Samuel Osborn and Co., Ltd., steel makers, of Sheffield.

The factory was severely damaged by fire and high explosive during one of the great bombing raids on the city during the war, but production continued almost without interruption.

The new northern production centre of the Wakefield Group is at Stanlow, in Cheshire, and is claimed to be the largest installation in Europe devoted solely to the production of lubricating oils.

MOTOR TRADE GOLF

SOUTH WALES TOURNAMENT

Nearly 100 entries were received for the tournament held by the South Wales and Mon. Motor and Allied Trades Golfing Society at St. Mellons recently, in aid of the Benevolent Fund. The results were:—

Morning medal round.—**R. V. Williams** (Newport) 85-15-70, 1st. **L. S. Dewar** (Penarth) 87-16-71, 2nd (also won President's Cup confined to Society members). Best gross score, **M. James** (Cardiff) 78. Sealed holes, **J. D. Evans** (Cardiff) and **L. Pyke** (Cardiff) tied.

Afternoon four-ball.—**T. Terrett** and **J. Jacobs** (Wenvoe) 67 nett, 1st. **L. P. Thomas** and **J. S. Wade** (Cardiff) 2nd. Sealed holes, **A. E. James** and **A. D. Robertson** (Cardiff).

WEST COUNTRY MEETING

Results of the autumn meeting of the Devon and Cornwall M.A.A. Golfing Society held at Tavistock were:—

Andrew Trophy (medal).—**F. J. Staddon**, 1st; **H. Rickard**, 2nd; **N. J. Reeder**, 3rd. Western Credit Services Cup (bogey).—**R. Gibson**, 1st; **R. P. Jones**, 2nd; **P. O. Davis**, 3rd. George Weeks Cup (best scratch score).—**F. J. Staddon**.

Frank Chick Trophies (greensome).—**C. C. Marrison** and **D. Stevens**, 1st; **R. Gibson** and **H. A. Wilton**, 2nd; **F. J. Staddon** and **H. Rickard**, 3rd.

Prizes for the runners-up were given by Erredges, Ltd., of Exeter; Auto-Factors, Ltd.; and Roadways Transport Development, of Plymouth.

WICO WINNER.—Pictured here is the Wico-Pacy service van which won first prize for the best looking, best maintained, and best displayed commercial vehicle in the recent Trowbridge Festival Carnival.

MOTOR INDUSTRY'S NEWS

—Show Functions—

Oct. 16th.—Society of Motor Manufacturers' and Traders annual dinner, Grosvenor House, Park Lane, London, W.1.

Oct. 17th. — Motor Ball in aid of Benevolent Fund, Dorchester Hotel, Park Lane, London, W.1.

Oct. 18th. — Nuffield Organisation distributors' dinner and cabaret, Grosvenor House, Park Lane, London, W.1.

Oct. 18th. — Standard Motor Co.'s Overseas distributors' convention (morning), dinner-dance (evening).

Oct. 19th. — Riley Motor Club "Show" dinner-dance, Park Lane Hotel, London, W.1.

Oct. 19th.—Fellowship of the Motor Industry annual lunch, Connaught Rooms, Great Queen Street, London.

Oct. 19th. — Sunbeam - Talbot Owners' Club annual dinner, Dorchester Hotel, London, W.1.

Oct. 22nd.—Singer Show Party, 23, Knightsbridge, London, S.W.1.

Oct. 23rd.—Motor Agents' Association annual dinner, Dorchester Hotel, Park Lane, London, W.1.

Oct. 23rd. — Standard Motor Co.'s home distributors' and senior dealers' luncheon, Hyde Park Hotel, London, S.W.1.

Oct. 23rd, Northern Caravan Distributors, Ltd., dinner, Trocadero Restaurant, London.

Oct. 25th.—Oldham and Son, Ltd., Motor Show dinner and cabaret for distributors and service station agents, Park Lane Hotel, London.

October 25th.—Willerby Caravan Co., Ltd., and Montrose Caravan Distributors, Ltd., trade convention and dinner-dance, Park Lane Hotel, London, W.1.

GARAGES CHANGE HANDS

The following garage businesses have recently changed hands:—

St. Davids Garage, Colchester Road, Harold Park, Essex, has been taken over by **O. K. Napper, Tunnard and Co.,** The Garage, Kirton, Lincs, has been acquired by **G. F. Rennoldson,** and **G. Lambert** has bought **Blake's Garage,** 97-97a, Anerley Road, London, S.E.20.

All these transactions were carried through by Church, Howard and Hill, Ltd., 39, Kew Road, Richmond, Surrey.

Smith's Garage, Stanstead Road, Bishop's Stortford, has been bought by **Blue Star Garages, Ltd.** In this transaction, Goy and Richards, Ltd., 555, Watford Way, Mill Hill, London, N.W.7, acted as agents for the purchasers.

REST OF THE NEWS

:: :: **Lighting-up Times (Greenwich): Saturday, October 13th, 6.43 p.m. Saturday, October 20th, 6.28 p.m. Sunday, October 21st, 5.26 p.m. (Summer Time ends).**

:: :: **Garage Equipment Price List.**—The Garage Equipment Division of Laycock Engineering Co., Ltd., Victoria Works, Millhouses, Sheffield, 8, have issued a revised price list of Laycock garage equipment, which became operative on October 1st. To keep in line with current unstable conditions, the company intend in future to issue a revised price list monthly.

:: :: **Plymouth M.A.A. Dinner - dance.**—Plymouth Section of the M.A.A. are holding their annual dinner-dance at 7 p.m. for 7.30 p.m. on November 9th at the Duke of Cornwall Hotel, Plymouth.

:: :: **Gravesend Lecture-meeting.**—There was a good attendance at the first of this season's lecture-meetings for the motor vehicle repairing industry at Gravesend Technical College, when a talk on "Carburation" was given by E. H. Boyle, of the S.U. Carburetter Co., Ltd., of Birmingham.

:: :: **Buying Petrol and Oil Abroad.** — A pamphlet entitled "Shell Touring Service," has been issued by Shell-Mex giving the retail prices of petrol, Shell motor oil and gas oil in overseas countries. The countries are arranged in alphabetical order, and the prices are shown in local currency.

:: :: **Electrics at Dairy Show.** — Brush Coachwork, Ltd., of Loughborough, are exhibiting two of their Pony battery electric vehicles, designed for use in the dairy industry, on Stand No. 80 at this year's Dairy Show, being held from October 23rd to 26th at Olympia, London.

:: :: **Interpro "At Home".** — During the Motor Show, Interpro Engineering Co., Ltd., sole British concessionaires for the Berini cyclemotor, are holding an "At Home" from 11 a.m. to 5 p.m. daily at their London offices, 14, Arlington Street, Piccadilly, S.W.1.

:: :: **Regent Players Help Fund.**—The Regent Players, a dramatic society of the Regent Oil Co., Ltd., recently presented the comedy "A Lady Mislaid," by Kenneth Horne, at the Queen's Hall, Manchester. The production was in aid of the Benevolent Fund and there was an excellent attendance.

Be sure to visit us at
STAND 227 (Gallery)
MOTOR EXHIBITION,
Earls Court,
October 17th-27th.

2240 lbs = 1 Featherweight

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TORTUOUS TALKS on TRADE TOPICS

by "Jhansi"

Illustrated by "Betts"

Place of discipline in present-day businesses

Meet Mrs. Ruthless

DYNAMITE, moon rockets, T.N.T., atom bombs and guided missiles. Calm yourselves, I'm merely setting the scene for a nice, lively theme. There was no scratching my head to find inspiration. No, indeed, for it appeared during August, 1951, from the blue. Here is how:—

One of your repairs customers is a woman of middle age. She has been about a good deal and talks to any and everybody whatever their walk in life. People interest her, you see.

This is where I enter the affair. She was about to take her car into your repair shop, which is somewhere in Britain. So, without invitation, she gave me the lowdown beforehand and in somewhat ruthless terms. I condense these and remove some of the sting as well as the fuse. So there'll be no explosion after all.

Briefly, she said the manager is no good at all. He might be the cat's whiskers technically, but the place lacks discipline. The manager, so she said, never tells anybody in so many words to do a job. Instead he goes to the mechanic concerned, and addresses him by Christian name.

All palsy-walsy

The "instructions," Mrs. Ruthless continued, are more in the form of a namby - pamby question such as—"Tommy, take this dynamo off as soon as you can, will you please?" This she interprets as a case of the manager trying to be a "pal" to the men he is supposed to control. (Here I remove some sting!)

The result of these "cheap" antics is, says Mrs. R., that the men are increasingly becoming a dozy, ragtail lot, completely lackadaisical from the toes upwards. Obviously so, even to the onlooker. She sees it with regret and with doubts about the wisdom of continued custom.

"Tommy—take this dynamo off as soon as you can, will you, please?"

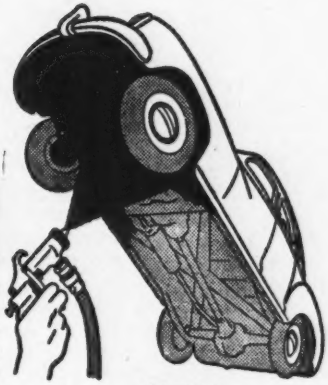
Remember, these are not *my* words. They were a spontaneous expression of opinion gained by dealing with a particular repair shop. But, as I see things, she puts a finger, as her sex often does, on a sore spot, namely, the lack of *visible* discipline. It is a most difficult subject to discuss because so many modern folk are being deliberately taught and officially encouraged to consider industrial discipline as old-fashioned and the sign of ignoble servility.

They may be right as Father Time sees things over centuries, but *before abandoning it* the moderns should make *quite* certain they have some-

GET IT from RICHES

Make your car

LAST LONGER



. . . have the underbody sprayed with car-protecting 'UNDERSEAL' the new sprayed-on protective coating, which gives the underside of your car a tough ⅛" thick "hide" which protects against corrosion and rust, muffles body noises and keeps cars new and quiet-riding longer.

USE
UNDERSEAL
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PROTECTIVE COATING

SOLE DISTRIBUTORS FOR

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AUTOMOTIVE ACCESSORIES - TOOLS AND EQUIPMENT

thing equally, or more, valuable to put in its place. That, to my mind, is the test, and the theorists have no substitute but windy words about what the perfect individual should or will do. Well, none of us *is* perfect.

Mrs. Ruthless may be right or she may be wrong, but at least she is not unconscious. I give her full marks for seeing beyond the end of her matt-finished nose.

The things I've seen!

It has been my good fortune to move about in a number of factories other than those of my employers. Consequently, I have been among people giving day-by-day orders, and amidst those receiving and carrying them out. That is very different from social and escorted visits.

I have seen as many brands of discipline as there are stars in the sky, from the blustering, crack-the-whip manager, in full cry, to the courteous, soft-voiced charmer. And I've talked to their staffs. I've seen big-mouthed workmen, not worth their weight in sewer sludge, thinking they'd won the Battle of the Nile because they omitted the word "Sir" where I would have used it.

Gosh, I've seen the self-same walking vacuums spouting about the dignity of labour and then, on promotion to being a chargehand, flaying their subordinates alive.

A repair shop manager has a two-fold problem. Unlike the factory wallah he is often on view, as my Mrs. Ruthless observed. The self-discipline of the manager and the relationship with his men do not pass unnoticed.

There is no denying that some repair shops, unlike others, are slack from top to bottom, irrespective of size. Others have a pleasant "taut" air about them. Yet there is no whip-cracking, no boot-licking and not a single soul suffers from stomach cramp on saying "Sir," "Mister," or "Miss."

There's a lot behind this modern lack of restraint, but remember every establishment has character. Managers and employees build it. The kind that Mrs. Ruthless so pithily described, aided by hand movements and mimicry, is easily evolved. The one where respect is mutual between management, employees *and customers* is a worthwhile and harder task. It will not require whip-cracking discipline, for as mutual respect creeps in the whip becomes all but useless.

And who started all this anyhow? A woman, of course.

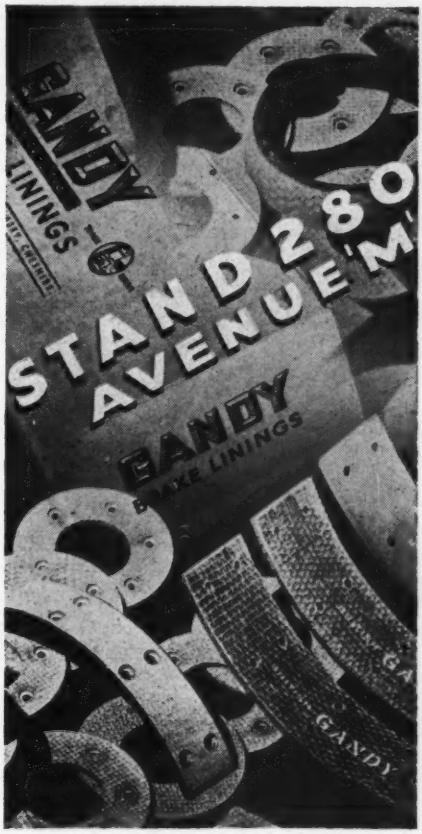
Latest Trade Literature

Copies of the following publications can be obtained from the manufacturers concerned on mentioning "The G. and M.A."

King Dick Hand Tools.—A fifth edition has recently been published of the catalogue of hand tools made by Abingdon King Dick, Ltd., Abingdon Works, Kings Road, Tyseley, Birmingham. This firm's range of adjustable spanners, box spanners, ignition spanners, tappet spanners, wheel braces, tool kits and many other items are all fully described and illustrated.

Churchill Transport Service Equipment.—In this their latest catalogue, V. L. Churchill and Co., Ltd., Walnut Tree Walk, Lambeth North, London, S.E.11, have adopted a modern, bright and lucid approach. The catalogue deals with the firm's hydraulic presses, lifters, and jacks, their automatic air compressors, car washing equipment, wheel equipment and general servicing tools.

Rockford Clutches and Power Take-offs.—Specially designed for tractors, compressors, portable generators and all types of stationary diesel, paraffin and petrol engines, the Rockford clutches and power take-offs are manufactured by the Borg and Beck Co., Ltd., Tachbrook Road, Leamington Spa, and are fully described and illustrated in a catalogue recently published by that firm.



AT

INTERNATIONAL MOTOR EXHIBITION

Earls Court

17th to 27th October

SPECIFY GANDY BRAKE & CLUTCH LININGS

GANDY LIMITED
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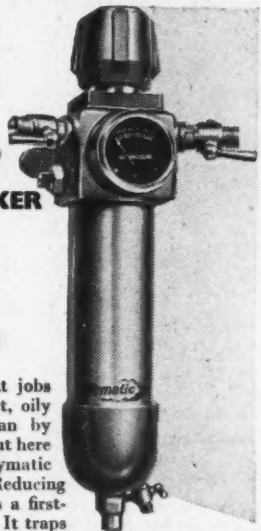
HERE IS THE

CLEAN, DRY AIR



YOU NEED FOR QUICKER & BETTER PAINT SPRAYING

More spray-paint jobs are spoilt by wet, oily or dirty air than by anything else. But here is the cure. A Hymatic Air Rectifier & Reducing Valve Unit does a first-class double job. It traps and holds back all the dirt, oil and water in the air, and delivers it clean and dry, and at precisely the pressure you select, without surge or creep. The Rectifier—based on the unit used on British aircraft—is 40% higher in efficiency than ordinary types. The Reducing Valve is of advanced design, very sensitive and perfectly stable. Once set it holds the pressure dead steady, up to a maximum flow of 25 cu. ft. per minute—enough for three average-sized industrial spray guns.

SHORT SPECIFICATION

All-metal construction, internally treated against corrosion, finished in Hymatic blue and nickel plate. Two models, for inlet pressures of up to 120 p.s.i. and 200 p.s.i. Each model available with either 2 or 3 outlets. Complete with all air connections, and drilled for flange mounting. Weight from 7 lb. Specify model R50 for one and two spray guns (price £6.10.0), model R51 for 3 guns (price £7.15.0).

Hymatic

AIR RECTIFIER-REDUCING VALVE UNIT

Send postcard for leaflet HEC 492/59

The Hymatic Engineering Co. Ltd., Redditch, Worcs.

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Motor Trade Commercial Report

COUNTY COURT JUDGMENTS

THE returns given below have been obtained from the Registry of County Court Judgments. **The Register does not differentiate between actions for damages and those for debts, or otherwise show in any case the nature of the dispute which may have made reference to the Court for its decision desirable.** Also, it is not known whether the judgments have been satisfied at this date of publication, but in many instances the amounts may have been settled between disputants and paid. **Further, the persons sued may have been acting for the defendants in representative capacities, and the claims may not have been against them personally; alternatively, the proceedings may have been personal matters unconnected with the businesses whose addresses have been used.**

Mrs. E. E. Bixley and **F. V. Bixley** (t.a. Newport Motor Works), Callington, Cornwall, auto and agricultural engrs. £19 15s. 6d. Sept. 8.

Coleman Garage, 115, Brick Lane, E.1. £23 3s. 1d. Aug. 23.

R. J. Davies, 21, Richmond Ave., Bognor Regis, motor car salesman. £45 13. 2d. Aug. 31.

Dinsdale Garage, Sworthgill, Carsdale, Sedbergh, motor engr. £68. Aug. 22.

H. Holt, Lower Fold, Harwood, Bolton, auto engr. £29 6s. Aug. 24.

Hunt & Walker, Chesterfield Rd., Staveley, nr. Chesterfield, car dlrs. and body bldr. £78. Aug. 29.

L. Ingham, Walmer Villas Garage, Manningham Lane, Bradford, garage propr. £55 0s. 9d. Aug. 29.

E. D. Jones (t.a. Jones & Thomas), 39, Water St., Carmarthen, garage propr. £34 14s. 6d. Aug. 21.

M. & T. Auto Engineers, 4a/6a, Harehills Rd., Leeds, 8. £15 14s. 3d. Aug. 29.

W. Midmer, 18, Front St., Annitsford, garage mechanic and taxi propr. £15 5s. 6d. Sept. 7.

T. A. Rodgers, Promenade Garage, Ambergate, Derbys, garage propr. £21 11s. 7d. Aug. 28.

INCREASE OF CAPITAL

Turner Manufacturing Co., Ltd. — Increased by £50,000, beyond the reg. cap. of £200,000.

RECEIVERSHIP (RELEASE)

Dunlop Cabs, Ltd.—C. R. Watson, of 124, High St., Dorking, ceased to act as receiver on Aug. 27.

NEW COMPANIES

West Wales Motor Body Works (Carmarthen), Ltd.—Private co., reg. Sept. 28. Cap., £2,000. To acquire the business of coachbldrs. and repairers heretofore carried on by Hugh Roberts at Glannant Rd., Carmarthen. Directors: H. Roberts, Ethel Roberts. Reg. office: Frondeg, Waterloo Terrace, Carmarthen.

Regent Diesels, Ltd. — Private co., reg. Oct. 1. Cap., £5,000. To acquire the business of a commercial and motor engr., now carried on by Eric Myers at Springwell Works, Buslingthorpe Lane, Leeds, as Regent Diesels. Directors: E. Myers, J. A. Farrell. Reg. office: Springwell Works, Buslingthorpe Lane, Leeds.

J. S. Stables (Kingsway Motors), Ltd.—Private co., reg. Sept. 29. Cap., £5,000. To carry on the business of garage proprs. and proprs. and letters-on-hire of vehicles of all kinds, etc. Directors: J. S. Stables, Mrs. E. J. Stables. Reg. office: The Kingsway, Ossett, Yorks.

Povey Cross Motor Co., Ltd. — Private co., reg. Oct. 1. Cap., £,5000. To acquire the business of an auto. engr. and garage propr. carried on by Maurice Landauer as Povey Cross Motor Co., at Povey Cross, Horley, Surrey. Directors: M. Landauer, Mrs. M. Landauer, P. M. Landauer, R. C. Merton-Niel, A. Lusted. Reg. office: Povey Cross, Horley, Surrey.

Smiths Travel & Car Hire Service, Ltd.—Private co., reg. Oct. 1. Cap., £1,500. To carry on the business as indicated by the title. Directors: A. C. H. Smith, A. C. Smith, Margaret M. Smith. Reg. office: "One," Manor Parade, Harlesden, N.W.10.

Smylie's Garages, Ltd.—Private co., reg. Oct. 1. Cap., £8,000. To acquire the business of garage proprs. and service station carried on as Smylie's Garage, at 105/7, Philip Lane, Tottenham, N.15. Directors: H. W. Smylie, C. H. Smylie. Reg. office: 105/7, Philip Lane, Tottenham, N.15.

Conisborough Engineering Co., Ltd.—Private co., reg. Oct. 3. Cap., £100. To acquire the business of a motor and general engr. carried on by J. Parker as Conisborough Engineering Co. at Conisborough, nr. Doncaster. Directors: J. Parker, Mrs. F. A. Parker. Reg. office: 7, Church St., Conisborough, Doncaster.

B.M.T.A. Stop List

Following alterations have been made to the British Motor Trade Association Stop List during the week ended October 6th, 1951:—

ADDITIONS

Hamer, R., 306, Manchester New Rd., Alkrington, Lancs; and 5, Lord St., Manchester, 14.

Humphreys Cars, Ltd. (Directors: T. H. Lowrey, D B. Lowrey), 48, Fitzroy St., W.1.

Pollitt, Herbert, Great Hampton St., Birmingham, 18.

R. & H. Autos (W. C. Reed and R. Hamer), 314 and 320/330, Stockport Rd., Manchester, 13.

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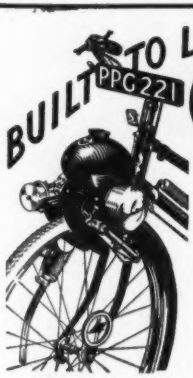

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Abingdon King Dick, Ltd. ..... Supp. xl
Aerialite, Ltd. ..... Supp. xlv
Aldridges 189
Andre (Components), Ltd. 81
Armstrong Patents, Ltd. 87
Autocar Electrical Equipment Co., Ltd. 195
Automotive Products Co., Ltd. Supp. xxxvii
Auto Tyre Services, Ltd. .... Supp. xxxix
Avery-Hardoll, Ltd. ..... Supp. xxxiv

Beck and Co., Ltd. ..... Supp. xxix
Benjamin Electric, Ltd. ..... Supp. xiv
Black and Decker, Ltd. ..... Supp. xii
Blaker Motor and Welding Co., Ltd. .. 96
Bowmaker, Ltd. ..... Cover i
Joseph Bradbury and Sons, Ltd. Supp. xv
Bricovmo, Ltd. ..... Supp. ii, iii
British Elec. Development Association 85
British Thomson-Houston Co., Ltd. Supp. xxx
British Timken, Ltd. ..... Supp. xliv
Brown Brothers, Ltd. ..... Supp. xix
Buck and Hickman 89
Bunar Solvent Co. 190

Carmo (1929), Ltd. 196
Ceag, Ltd. 84
Chamberlain Industries, Ltd. 84
Chloride Batteries, Ltd. 159
V. L. Churchill and Co., Ltd. Supp. xxii, xxiii
Wm. Clark (Spare Parts), Ltd. Supp. xxxvi
Howard Clayton Wright, Ltd. 195
Cleveland Petroleum, Ltd. ..... Supp. i
Commer Cars, Ltd. 169
Commercial Ignition Co., Ltd. 185
Commercial Utilities, Ltd. 186
Cords Piston Ring Co., Ltd. 78
Cornercroft, Ltd. 98
Cox and Co. (R.W.), Ltd. 193
J. Crosfield and Son, Ltd. 84
Crypton Equipment, Ltd. ..... Supp. xxvi

Delapena and Son, Ltd. ..... Supp. xvii
Delco-Remy-Hyatt, Ltd. 96
E. Dixon Bate, Ltd. 193
Dunlop Rubber Co., Ltd. 105

Edmunds, Walker and Co., Ltd. Supp. xli
A. Elder Reed and Co., Ltd. 82
Elgar Machine Tool Co., Ltd. 161
Elms Garage 94
The English Electric Co., Ltd. 92
Epco, Ltd. ..... Supp. xlvi, xlvii
Esso Petroleum Co., Ltd. (Anti-Freeze) Supp. ix
Esso Petroleum Co., Ltd. (Esso) 167

Farnborough Engineering Co., Ltd. 80
Feeny and Johnson, Ltd. 191
Ferodo, Ltd. ..... Supp. xi
Firestone Tyre and Rubber Co., Ltd. Supp. xx
Fortis Tools, Ltd. 196
T. Franks and Co. 191
Fuller Horsey and Cassell 189

Gandy, Ltd. 183
John Garrington and Son, Ltd. 83
General Accident, Fire and Life Assurance Corporation, Ltd. 100
The General Electric Co., Ltd. 99
Girling, Ltd. ..... Supp. v
A. T. Gittings and Son, Ltd. 186
Goddard, Davison and Smith, Ltd. 188
Goddard and Smith 94, 189
Gower and Lee 195
Green Ace Motors, Ltd. 196
John Griffiths and Son (Griff Chains), Ltd. 185
Guest, Keen and Nettlefolds (Midlands), Ltd. 93
S. Guiterman and Co. 97
Guyson Industrial Equipment, Ltd. .. 86

Hall and Nielsen, Ltd. 97
W. T. Henley's Telegraph Works Co., Ltd. 80
E. R. Howard, Ltd. (Shim) .. Supp. xxxviii
E. R. Howard, Ltd. (Autobrite) Supp. xxxii
T. W. Hunt, Ltd. 194
Hymatic Engineering Co., Ltd. 183

Interpro Engineering Co., Ltd. (Berini) 186

Jaguar Cars, Ltd. 107
Geo. O. James, Ltd. 79
W. G. James, Ltd. 196
S. V. Johnson and Son 95
Edward Joy and Sons, Ltd. 90

Kerry's (Gt. Britain), Ltd. .... Supp. viii

Lake and Elliot, Ltd. 179
Lamb's, Ltd. 192
Laycock Engineering Co., Ltd. Supp. xiii
Lister Equipment, Ltd. 80
Joseph Lucas, Ltd. ..... Supp. xxxiii

Mayfair Garages, Ltd. 190
"Metamet" 192
Motor Vehicle Dismantlers' Association 193
Wayne V. Myers, Ltd. ..... Supp. xxvi

National Benzole Co., Ltd. (Dominion) 147
National Cash Register Co., Ltd. 90
A. P. Newall and Co., Ltd. ..... Cover iii
Newnhams, Ltd. 119
Norris and Duvall 189
C. and G. Norman and Co., Ltd. 190
Notek Electric Co., Ltd. 91

Oldham and Son, Ltd. ..... Supp. xvi
Ondura, Ltd. 78

Park Brothers, Ltd. 88
Partridge, Wilson and Co., Ltd. 88
Phillips Telescopic Taps, Ltd. 92
Premier Motor Policies, Ltd. 91

Radenite Batteries, Ltd. 196
Rad-Reps, Ltd. 196
Regency Covers, Ltd. ..... Supp. xxxv
Remax, Ltd. ..... Cover iv
G. T. Riches and Co., Ltd. 189
Ripaults, Ltd. 184
The Rover Co., Ltd. 111
Runbaken Electrical Products, Ltd. .. 196

A. Schrader's Son ..... Supp. x
Shell-Mex and B.P., Ltd. 163
Simms Motor Units, Ltd. 197
Speedwell Gear Case Co., Ltd. 86
Stevco, Ltd. 77
Sutcliffe and Co. (N/C), Ltd. 196

Tecalemit, Ltd. ..... Supp. xxviii
Temple Fortune Garage 192
Triangle Products, Ltd. 99
Trico-Folberth, Ltd. ..... Supp. xxxi
Triumph Spares, Ltd. 196
Truepoint Motor Accessories, Ltd. 88
Tudor Accessories, Ltd. 82
Tungstone Products, Ltd. 78
Wm. Turner (Kismet), Ltd. ..... Cover ii
Tyresoles, Ltd. ..... Supp. vi, vii

U.M.E. Distributors, Ltd. 191
Uni Gun Lubricating Equipment, Ltd. 155
United Dominions Trust, Ltd. 115
United Lubricants, Ltd. 84
Universal Dampers, Ltd. ..... Supp. xviii

Vandervell Products, Ltd. 113

James Wainwright (Wolverhampton), Ltd. 86
C. C. Wakefield and Co., Ltd. Supp. xxix, xxv
Watney Motor Accessories Co., Ltd. .. 86
Wayne Tank and Pump Co., Ltd. Supp. xxi
Weaver Manufacturing and Engineering Co., Ltd. ..... Supp. xlii, xliii
Westinghouse Brake and Signal Co., Ltd. 98
Whatton and Sons, Ltd. ..... Supp. xlviii
Wilcot (Parent) Co., Ltd. 88
Francis B. Willmott, Ltd. ..... Supp. iv
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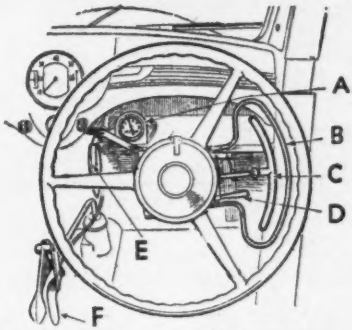

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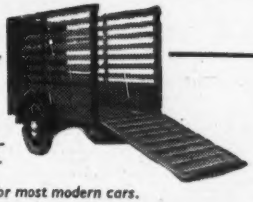

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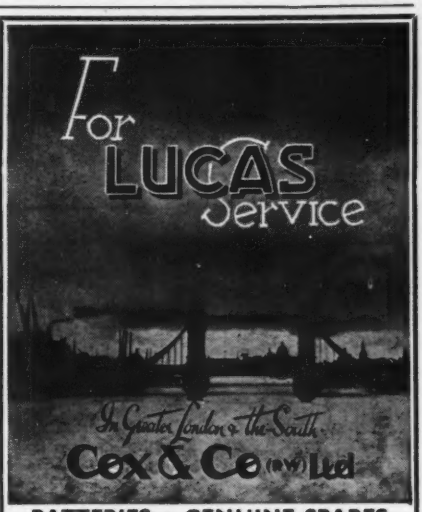

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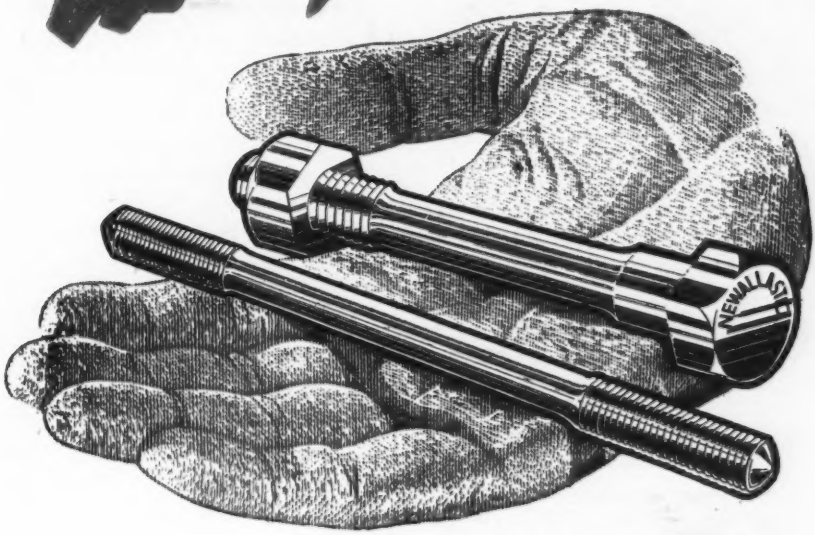

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